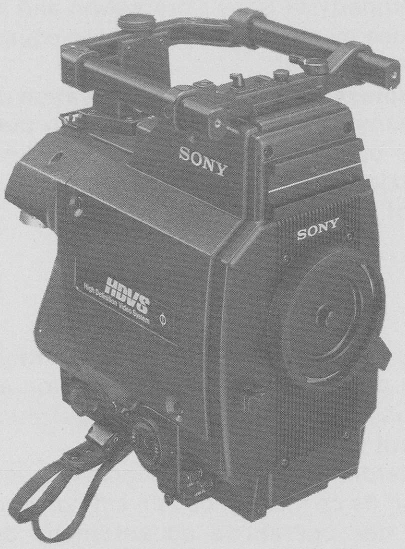
SONY®

HD COLOR CAMERA HEAD

HDC-300


SONY
SONY
HDVS
High Definition Video System

HDVS

MAINTENANCE MANUAL
Volume 2 1st Edition (Revised 3)
Serial No. 10001 and Higher

SAFETY RELATED COMPONENT WARNING

Components identified by shading and ⚠ marked on the schematic diagrams and parts list are critical to safe operation. Replace these components with SONY parts whose part numbers appear as shown in this manual or in supplements published by SONY.

For the customers in the U.S.A.

Warning—This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Important—To insure that the complete system (including this peripheral) is capable of complying with the FCC requirements, it is recommended that the user make sure that the individual equipment of the complete system has a label with one of the following statements.

"This equipment has been tested with a Class A Computing Device and has been found to comply with Part 15 of FCC Rules."

—or—

"This equipment complies with the requirements in Part 15 of FCC Rules for a Class A Computing Device."

—or equivalent.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a computing device pursuant to Subpart J of Part 15 of FCC Rules.

For the customers in Canada

This apparatus complies with the Class A limits for radio noise emissions set out in Radio Interference Regulations.

Pour les utilisateurs au Canada

Cet appareil est conforme aux normes Classe A pour bruits radioélectriques, spécifiés dans le Règlement sur le brouillage radioélectrique.

このマニュアルに記載されている事柄の著作権は当社にあり，説明内容は機器購入者の使用を目的としています。
従って，当社の許可なしに無断で複写したり，説明内容（操作，保守等）と異なる目的で本マニュアルを使用することを禁止します。

The material contained in this manual consists of information that is the property of Sony Corporation and is intended solely for use by the purchasers of the equipment described in this manual.
Sony Corporation expressly prohibits the duplication of any portion of this manual or the use thereof for any purpose other than the operation or maintenance of the equipment described in this manual without the express written permission of Sony Corporation.

Le matériel contenu dans ce manuel consiste en informations qui sont la propriété de Sony Corporation et sont destinées exclusivement à l'usage des acquéreurs de l'équipement décrit dans ce manuel.
Sony Corporation interdit formellement la copie de quelque partie que ce soit de ce manuel ou son emploi pour tout autre but que des opérations ou entretiens de l'équipement à moins d'une permission écrite de Sony Corporation.

Das in dieser Anleitung enthaltene Material besteht aus Informationen, die Eigentum der Sony Corporation sind, und ausschließlich zum Gebrauch durch den Käufer der in dieser Anleitung beschriebenen Ausrüstung bestimmt sind.
Die Sony Corporation untersagt ausdrücklich die Vervielfältigung jeglicher Teile dieser Anleitung oder den Gebrauch derselben für irgendeinen anderen Zweck als die Bedienung oder Wartung der in dieser Anleitung beschriebenen Ausrüstung ohne ausdrückliche schriftliche Erlaubnis der Sony Corporation.

TABLE OF CONTENTS
目次

Volume 1 (E)

1. INSTALLATION
2. REPLACEMENT OF MAIN PARTS
3. SERVICE INFORMATION
4. ALIGNMENT

Volume 1（J）

1. 設置
2. 主要部品の交換方法
3. サービスインフォメーション
4. 調整要項

Volume 2

A. BLOCK DIAGRAMS

OVERALL BLOCK ········ A-1
PP-32, PA-80, VA-73, VDA-14 BLOCK ·· A-5
SG-141 BLOCK ········ A-9
RE-49, PS-168 BLOCK ········ A-12
IV-22 BLOCK ········ A-15
SV-107 BLOCK ········ A-17
AB-13 BLOCK ········ A-19
DF-46 BLOCK ········ A-21
SH-34 BLOCK ········ A-23
IF-213 BLOCK ········ A-27
RG-22 BLOCK ········ A-31

B. SEMICONDUCTOR PIN ASSIGNENTS

C. SCHEMATIC DIAGRAMS AND BOARD ILLUSTRATIONS

BOARD LAYOUT ········ C-1
PA-80 ········ C-2
VA-73 ········ C-4
VDA-14 ········ C-11
SG-141 ········ C-15
PS-168 ········ C-21
RE-49 ········ C-25
IV-22 ········ C-29
SV-107 ········ C-36
AB-13 ········ C-41
DF-46 ········ C-47
SH-34 ········ C-52
RG-22 ········ C-77
IF-213 ········ C-83
FRAME（1／2）········ C-97
  MB-206, CN263
FRAME（2／2）········ C-106
  MB-210, MB-211, CN-262, SW-287

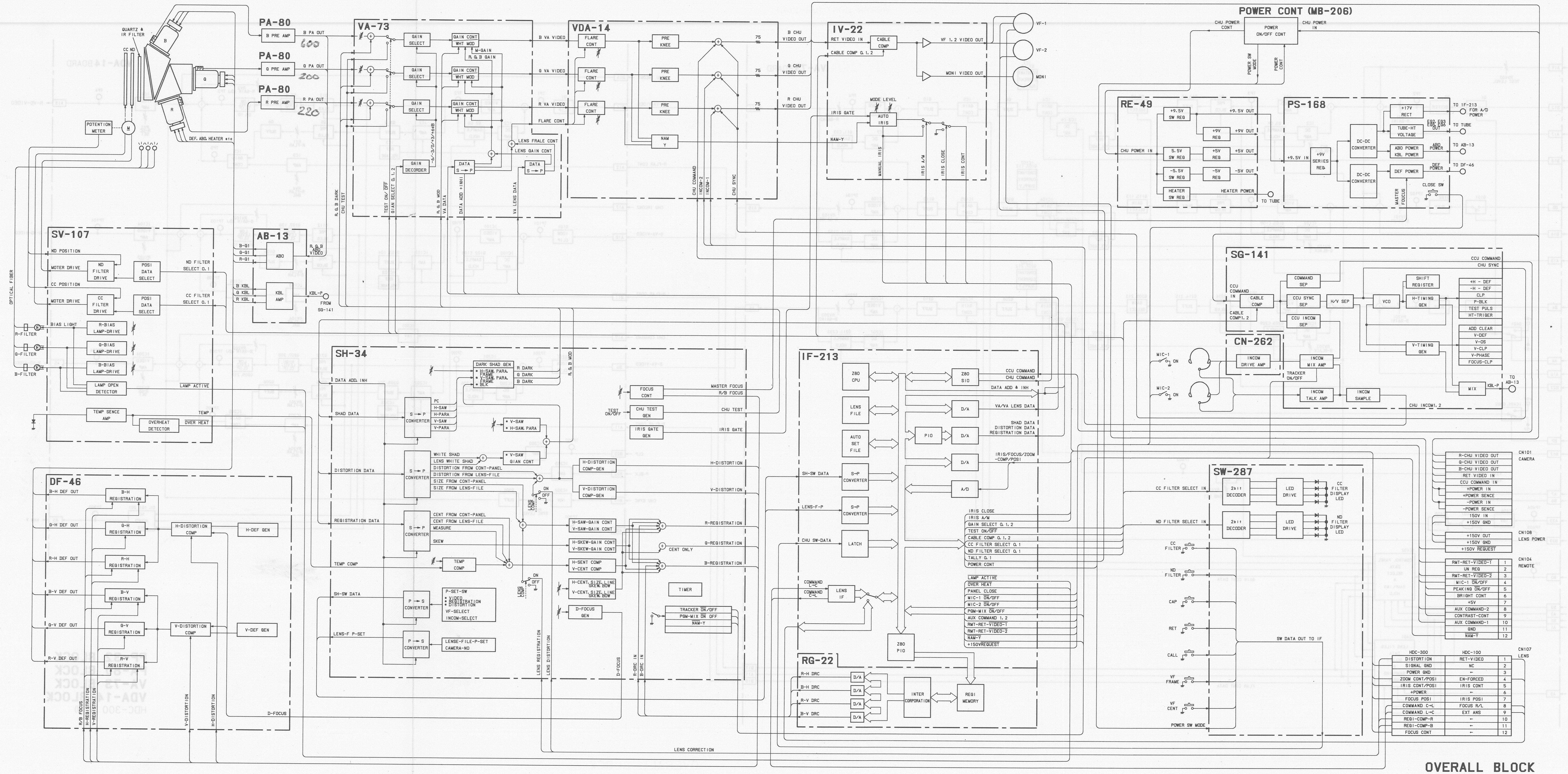
D. SPARE PARTS

PARTS INFORMATION ········ D-1
EXPLODED VIEW ········ D-3
SCREWS ········ D-15
ELECTRICAL PARTS ········ D-17

E. CHANGED PARTS

SECTION A
BLOCK DIAGRAM

OVERALL BLOCK


PA-80
PA-80
PA-80
VA-73
VDA-14
IV-22
POWER CONT (MB-206)
RE-49
PS-168
SV-107
AB-13
SG-141
CN-262
SH-34
IF-213
SW-287
DF-46
RG-22
CN101
CAMERA
R-CHU VIDEO OUT
G-CHU VIDEO OUT
B-CHU VIDEO OUT
RET VIDEO IN
CCU COMMAND IN
+POWER IN
+POWER SENCE
-POWER IN
-POWER SENCE
150V IN
+150V GND
CN108
LENS POWER
+150V OUT
+150V GND
+150V REQUEST
CN104
REMOTE
RMT-RET-VIDEO-1 1
UN REG 2
RMT-RET-VIDEO-2 3
MIC-1 ON/OFF 4
PEAKING ON/OFF 5
BRIGHT CONT 6
+5V 7
AUX COMMAND-2 8
CONTRAST-CONT 9
AUX COMMAND-1 10
GND 11
NAM-Y 12
CN107
LENS
HDC-300 HDC-100
DISTORTION RET-VIDEO 1
SIGNAL GND NC 2
POWER GND ← 3
ZOOM CONT/POSI EN-FORCED 4
IRIS CONT/POSI IRIS CONT 5
+POWER ← 6
FOCUS POSI IRIS POSI 7
COMMAND C→L FOCUS R/L 8
COMMAND L→C EXT ANS 9
REGI-COMP-R ← 10
REGI-COMP-B ← 11
FOCUS CONT ← 12

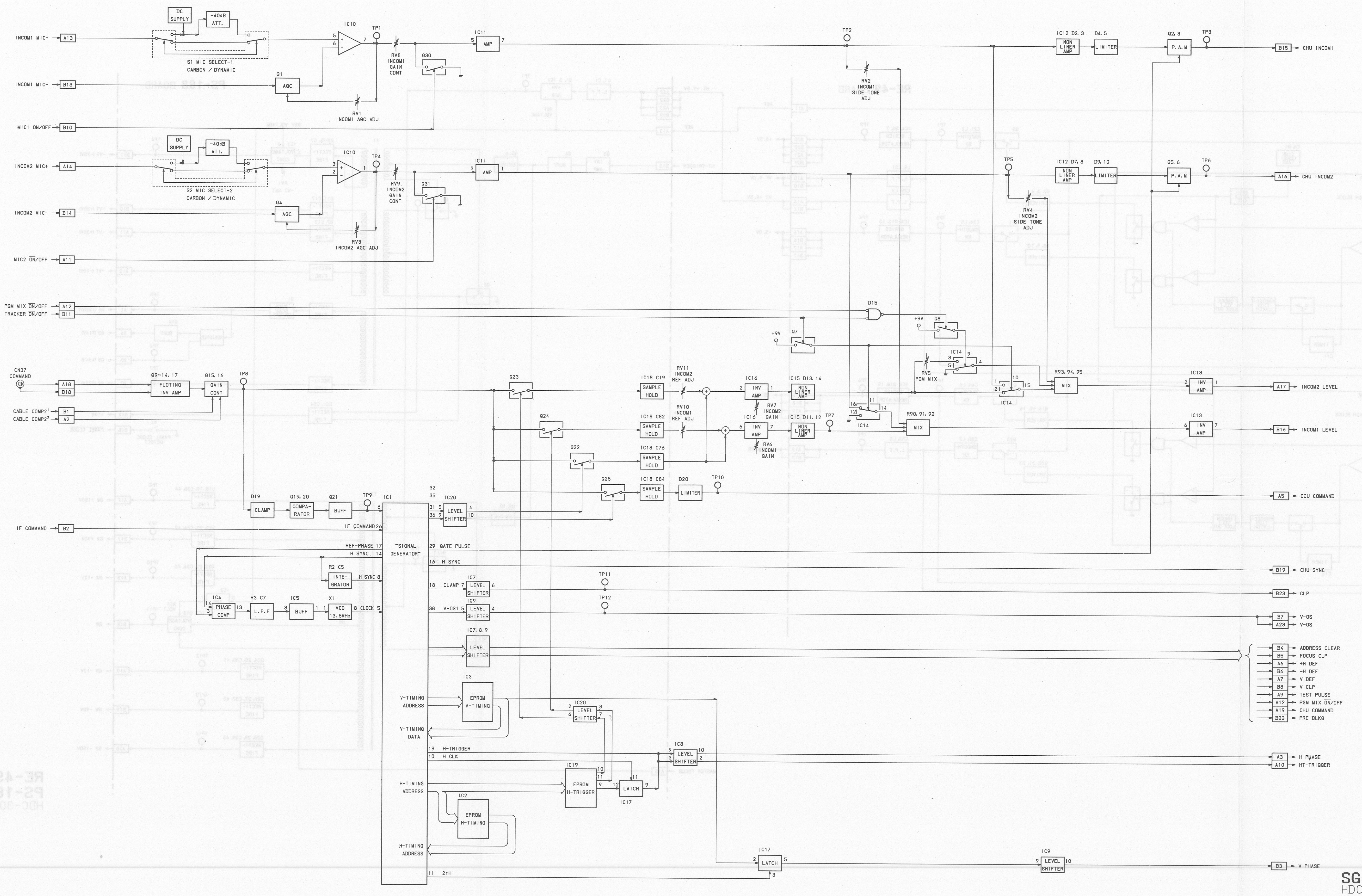
OVERALL BLOCK
HDC-300 (W. W)

PP-32 BLOCK
PA-80 BLOCK
VA-73 BLOCK
VDA-14 BLOCK

1
2
3
4
5
6
PP-32 BOARD
PA-80 BOARD
VA-73 BOARD
VDA-14 BOARD
HEAD AMP
R-VIDEO
G-VIDEO
B-VIDEO
CHU TEST IN
R-PA-VIDEO
G-PA-VIDEO
B-PA-VIDEO
R-DARK SHAD
R-WHITE SHAD
G-DARK SHAD
G-WHITE SHAD
B-DARK SHAD
B-WHITE SHAD
TEST ON/OFF
P.BLK
GAIN SELECT 2
GAIN SELECT 1
GAIN SELECT 0
V PHASE
CLAMP
VA DATA
INHIBIT 0
DATA-ADDRESS 0
DATA-ADDRESS 1
DATA-ADDRESS 2
INHIBIT 1
CONTROL PANEL DATA SELECT & SAMPLING HOLD
LENS FILES DATA SELECT & SAMPLING HOLD
GAIN CONT DATA
FLAR CONT DATA
CHU INCOM1
CHU INCOM2
CHU COMMAND
R-VA-VIDEO
G-VA-VIDEO
B-VA-VIDEO
R-FLAR CONT
G-FLAR CONT
B-FLAR CONT
CLP
P-BLK
CHU SYNC
V-DD
R-VD-VIDEO
G-VD-VIDEO
B-VD-VIDEO
RAW Y
ND ADDED MIX

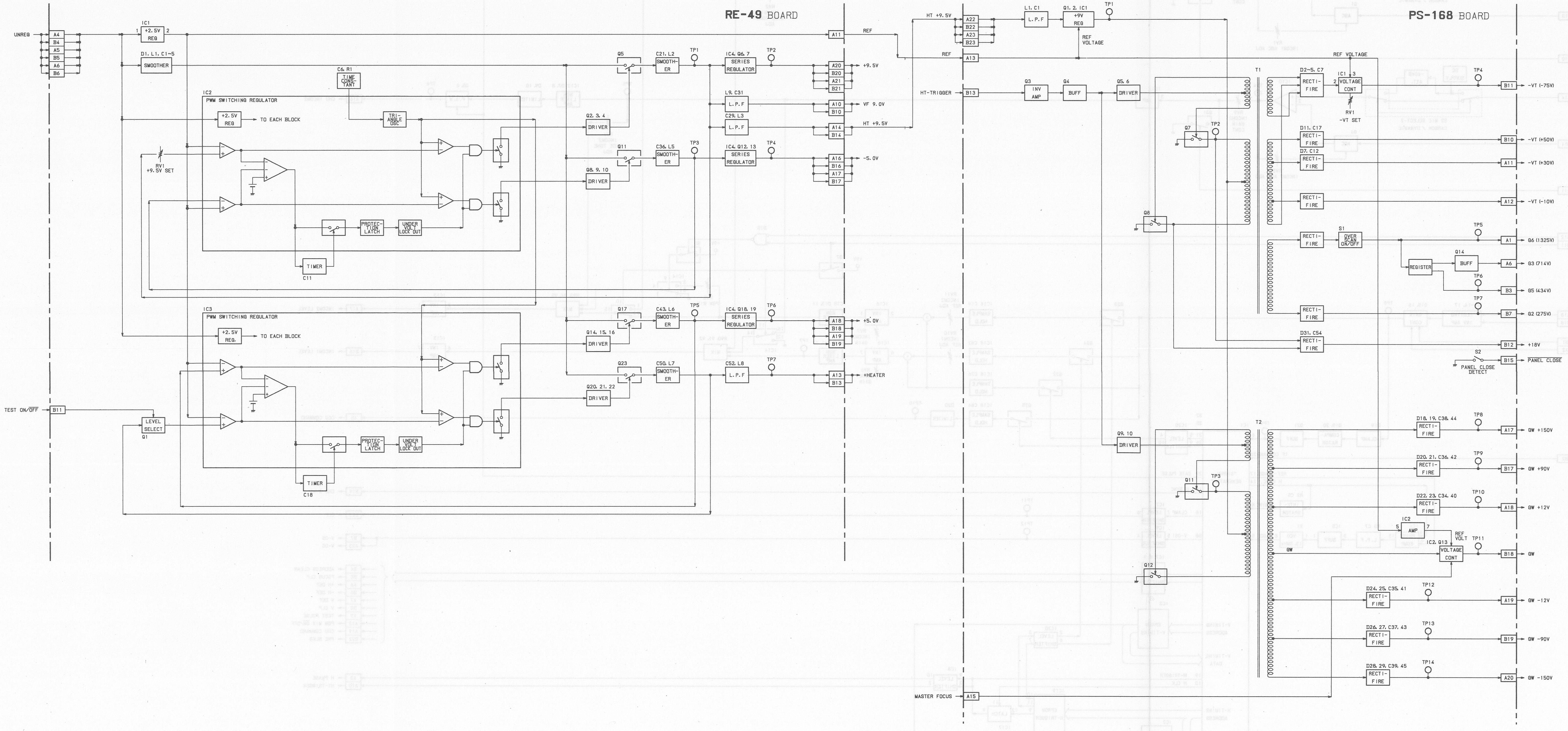
PP-32 BLOCK
PA-80 BLOCK
VA-73 BLOCK
VDA-14 BLOCK
HDC-300 (W.W)

SG-141 BLOCK

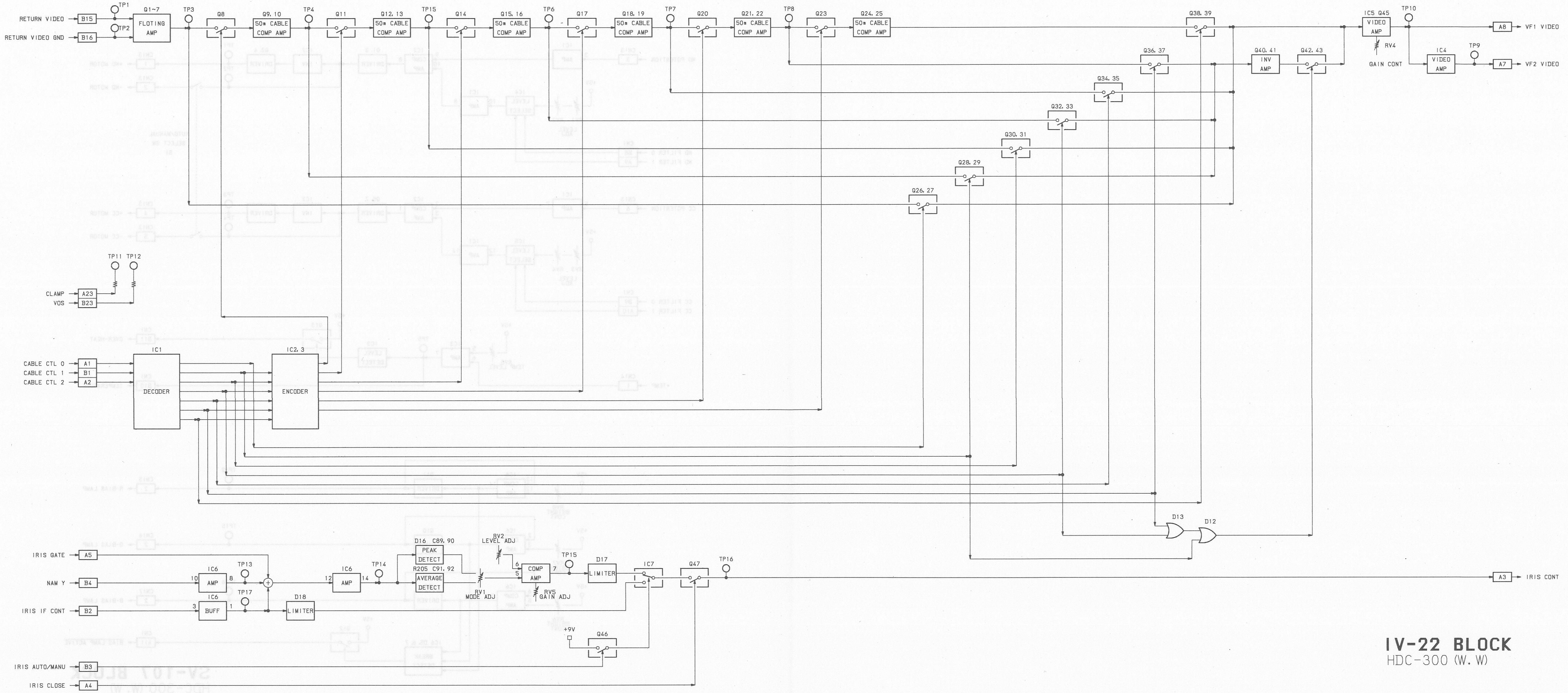

INCOM1 MIC+
A13
DC SUPPLY
-40dB ATT.
S1 MIC SELECT-1
CARBON / DYNAMIC
IC10
TP1
RV8 INCOM1 GAIN CONT
Q30
IC11
AMP
INCOM1 MIC-
B13
Q1
AGC
RV1 INCOM1 AGC ADJ
MIC1 ON/OFF
B10
INCOM2 MIC+
A14
S2 MIC SELECT-2
CARBON / DYNAMIC
TP4
RV9 INCOM2 GAIN CONT
Q31
INCOM2 MIC-
B14
Q4
RV3 INCOM2 AGC ADJ
MIC2 ON/OFF
A11
TP2
RV2 INCOM1 SIDE TONE ADJ
IC12 D2, 3
NON LINER AMP
D4, 5
LIMITER
Q2, 3
P.A.M
TP3
B15
CHU INCOM1
TP5
IC12 D7, 8
D9, 10
Q5, 6
TP6
A16
CHU INCOM2
RV4 INCOM2 SIDE TONE ADJ
PGM MIX ON/OFF
A12
TRACKER ON/OFF
B11
D15
+9V
Q7
Q8
IC14
RV5 PGM MIX
R93, 94, 95
MIX
IC13
INV AMP
A17
INCOM2 LEVEL
R90, 91, 92
B16
INCOM1 LEVEL
CN37 COMMAND
A18
B18
Q9~14, 17
FLOTING INV AMP
Q15, 16
GAIN CONT
TP8
CABLE COMP2¹
B1
CABLE COMP2²
A2
Q23
Q24
Q22
Q25
IC18 C19
SAMPLE HOLD
RV11 INCOM2 REF ADJ
IC18 C82
RV10 INCOM1 REF ADJ
IC18 C76
IC18 C84
IC16
INV AMP
RV7 INCOM2 GAIN
RV6 INCOM1 GAIN
IC15 D13, 14
IC15 D11, 12
TP7
D20
LIMITER
TP10
A5
CCU COMMAND
D19
CLAMP
Q19, 20
COMPA-RATOR
Q21
BUFF
TP9
IC1
"SIGNAL GENERATOR"
IF COMMAND
B2
IF COMMAND 26
REF-PHASE 17
H SYNC 14
R2 C5
INTE-GRATOR
H SYNC 8
IC4
PHASE COMP
R3 C7
L.P.F
IC5
BUFF
X1
VCO 13.5MHz
8 CLOCK 5
IC20
LEVEL SHIFTER
29 GATE PULSE
16 H SYNC
B19
CHU SYNC
18 CLAMP 7
IC7
TP11
B23
CLP
38 V-OS1 5
IC9
TP12
B7
V-OS
A23
V-OS
IC7, 8, 9
B4
ADDRESS CLEAR
B5
FOCUS CLP
A6
+H DEF
B6
-H DEF
A7
V DEF
B8
V CLP
A9
TEST PULSE
A12
PGM MIX ON/OFF
A19
CHU COMMAND
B22
PRE BLKG
IC3
EPROM V-TIMING
V-TIMING ADDRESS
V-TIMING DATA
19 H-TRIGGER
10 H CLK
IC8
A3
H PHASE
A10
HT-TRIGGER
IC19
EPROM H-TRIGGER
LATCH
IC17
H-TIMING ADDRESS
IC2
EPROM H-TIMING
H-TIMING ADDRESS
11 2fH
IC9
B3
V PHASE

SG-141 BLOCK
HDC-300 (W.W)

RE-49 BLOCK
PS-168 BLOCK

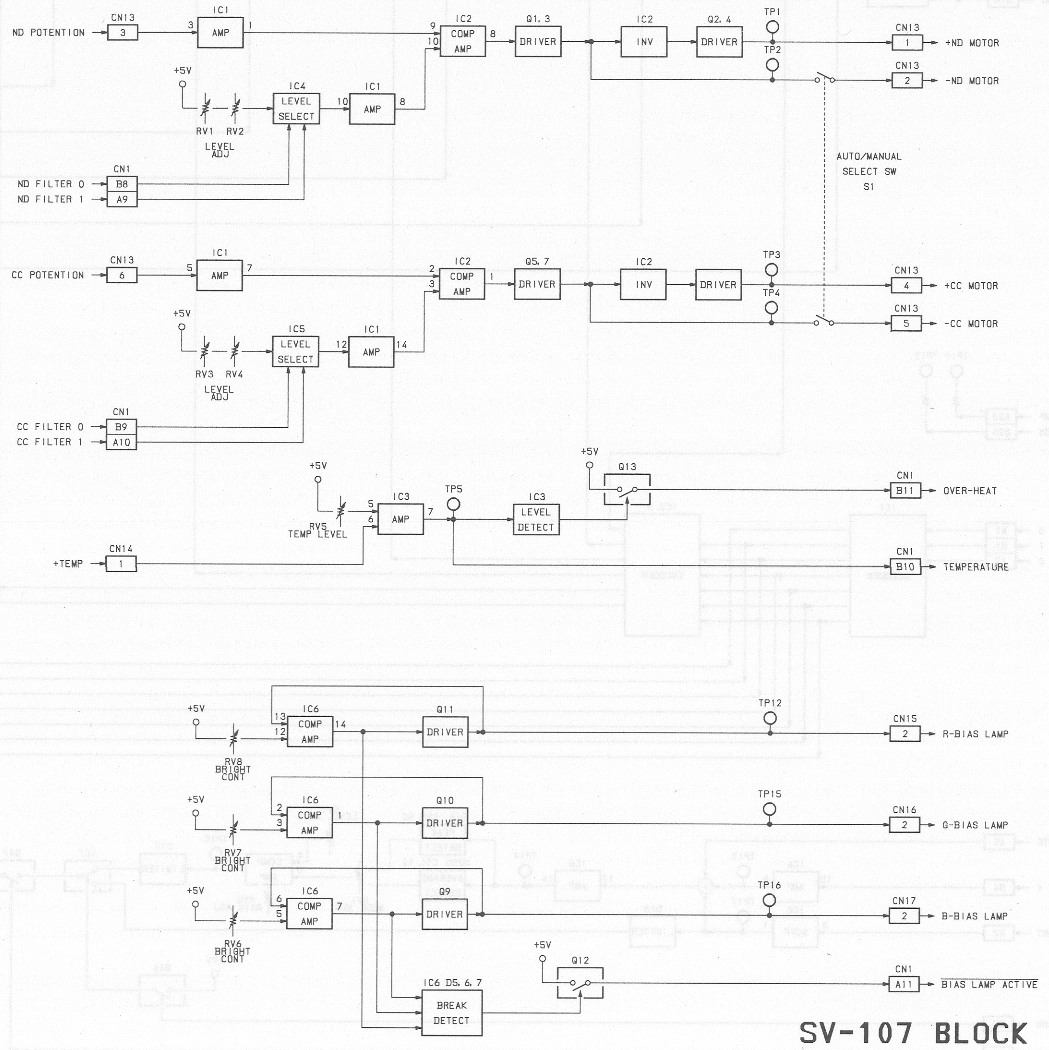

RE-49 BOARD
UNREG
A4
B4
A5
B5
A6
B6
IC1
+2.5V REG
1
2
D1, L1, C1~5
SMOOTHER
C6, R1
TIME CONSTANT
IC2
PWM SWITCHING REGULATOR
+2.5V REG
TO EACH BLOCK
TRI-ANGLE OSC
RV1
+9.5V SET
PROTECTION LATCH
UNDER VOLT LOCK OUT
TIMER
C11
IC3
PWM SWITCHING REGULATOR
+2.5V REG.
TO EACH BLOCK
TEST ON/$\overline{\text{OFF}}$
B11
LEVEL SELECT
Q1
PROTECTION LATCH
UNDER VOLT LOCK OUT
TIMER
C18
Q5
Q2, 3, 4
DRIVER
Q11
Q8, 9, 10
DRIVER
Q17
Q14, 15, 16
DRIVER
Q23
Q20, 21, 22
DRIVER
C21, L2
SMOOTHER
C36, L5
SMOOTHER
C43, L6
SMOOTHER
C50, L7
SMOOTHER
TP1
TP2
TP3
TP4
TP5
TP6
TP7
IC4, Q6, 7
SERIES REGULATOR
L9, C31
L.P.F
C29, L3
L.P.F
IC4, Q12, 13
SERIES REGULATOR
IC4, Q18, 19
SERIES REGULATOR
C52, L8
L.P.F
A11
REF
A20
B20
A21
B21
+9.5V
A10
B10
VF 9.0V
A14
B14
HT +9.5V
A16
B16
A17
B17
-5.0V
A18
B18
A19
B19
+5.0V
A13
B13
+HEATER
PS-168 BOARD
HT +9.5V
A22
B22
A23
B23
REF
A13
HT-TRIGGER
B13
L1, C1
L.P.F
Q1, 2, IC1
+9V REG
TP1
REF VOLTAGE
Q3
INV AMP
Q4
BUFF
Q5, 6
DRIVER
Q7
TP2
Q8
T1
D2~5, C7
RECTIFIRE
IC1
2
3
VOLTAGE CONT
RV1
-VT SET
REF VOLTAGE
TP4
B11
-VT (-75V)
D11, C17
RECTIFIRE
B10
-VT (+50V)
D7, C12
RECTIFIRE
A11
-VT (+30V)
RECTIFIRE
A12
-VT (-10V)
RECTIFIRE
S1
OVER SCAN ON/OFF
TP5
A1
G6 (1325V)
REGISTER
Q14
BUFF
A6
G3 (714V)
TP6
B3
G5 (434V)
TP7
RECTIFIRE
B7
G2 (275V)
D31, C54
RECTIFIRE
B12
+18V
S2
PANEL CLOSE DETECT
B15
$\overline{\text{PANEL CLOSE}}$
Q9, 10
DRIVER
Q11
TP3
Q12
T2
GW
D18, 19, C38, 44
RECTIFIRE
TP8
A17
GW +150V
D20, 21, C36, 42
RECTIFIRE
TP9
B17
GW +90V
D22, 23, C34, 40
RECTIFIRE
TP10
A18
GW +12V
IC2
5
AMP
7
REF VOLT
IC2, Q13
VOLTAGE CONT
TP11
B18
GW
D24, 25, C35, 41
RECTIFIRE
TP12
A19
GW -12V
D26, 27, C37, 43
RECTIFIRE
TP13
B19
GW -90V
D28, 29, C39, 45
RECTIFIRE
TP14
A20
GW -150V
MASTER FOCUS
A15

RE-49 BLOCK
PS-168 BLOCK
HDC-300 (W.W)

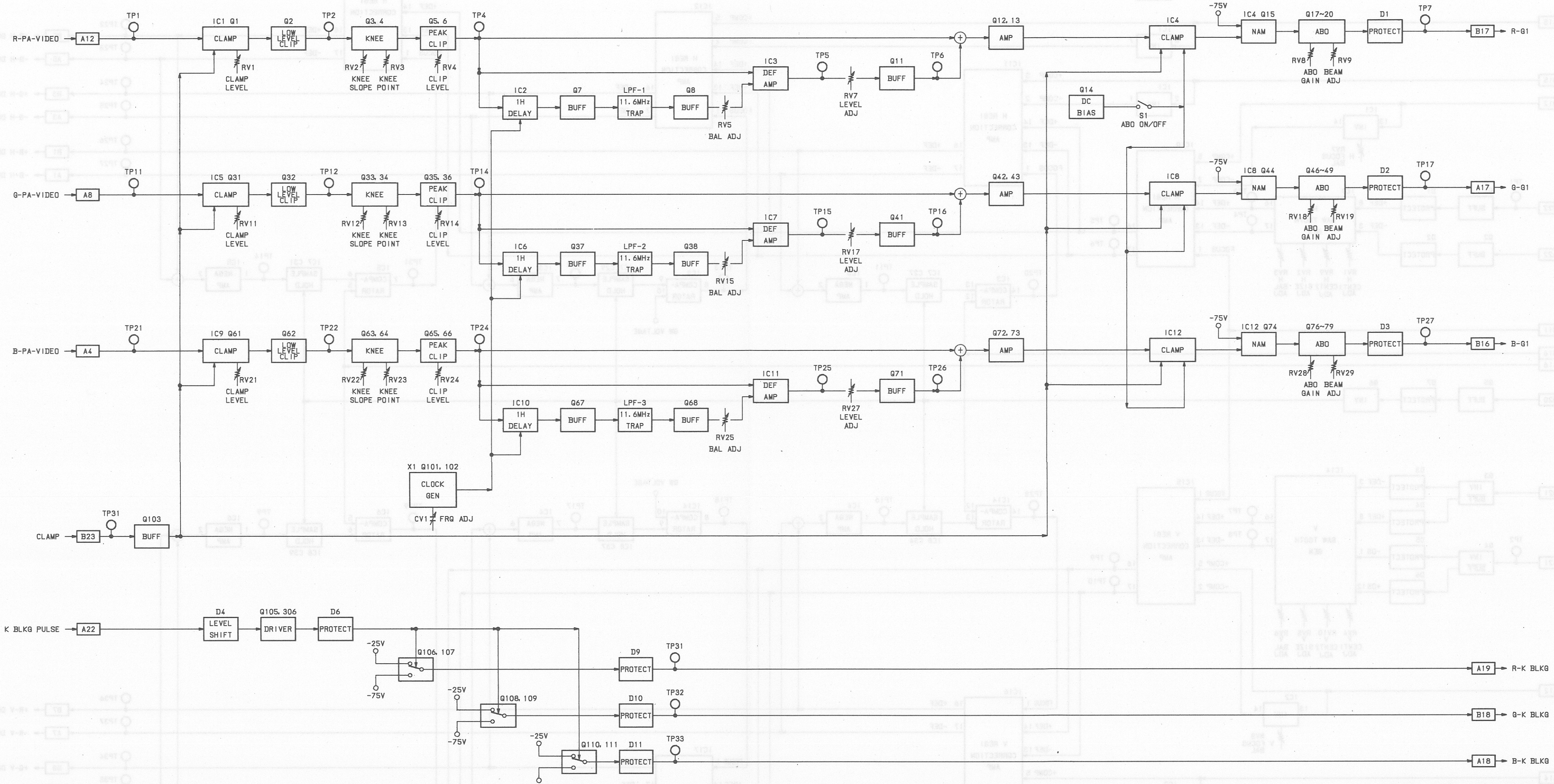

RETURN VIDEO
RETURN VIDEO GND
B15
B16
TP1
TP2
Q1~7
FLOTING AMP
TP3
Q8
Q9, 10
50m CABLE COMP AMP
TP4
Q11
Q12, 13
50m CABLE COMP AMP
TP15
Q14
Q15, 16
50m CABLE COMP AMP
TP6
Q17
Q18, 19
50m CABLE COMP AMP
TP7
Q20
Q21, 22
50m CABLE COMP AMP
TP8
Q23
Q24, 25
50m CABLE COMP AMP
Q38, 39
Q36, 37
Q34, 35
Q32, 33
Q30, 31
Q28, 29
Q26, 27
Q40, 41
INV AMP
Q42, 43
IC5 Q45
VIDEO AMP
RV4
GAIN CONT
TP10
IC4
VIDEO AMP
TP9
A8
VF1 VIDEO
A7
VF2 VIDEO
TP11 TP12
CLAMP
VDS
A23
B23
CABLE CTL 0
CABLE CTL 1
CABLE CTL 2
A1
B1
A2
IC1
DECODER
IC2, 3
ENCODER
D13
D12
IRIS GATE
A5
NAM Y
B4
IRIS IF CONT
B2
IC6
AMP
10
8
TP13
IC6
BUFF
3
1
TP17
D18
LIMITER
12
IC6
AMP
14
TP14
D16 C89, 90
PEAK DETECT
R205 C91, 92
AVERAGE DETECT
RV1
MODE ADJ
RV2
LEVEL ADJ
6
5
COMP AMP
7
RV5
GAIN ADJ
TP15
D17
LIMITER
IC7
Q47
TP16
A3
IRIS CONT
+9V
Q46
IRIS AUTO/MANU
B3
IRIS CLOSE
A4

IV-22 BLOCK
HDC-300 (W. W)

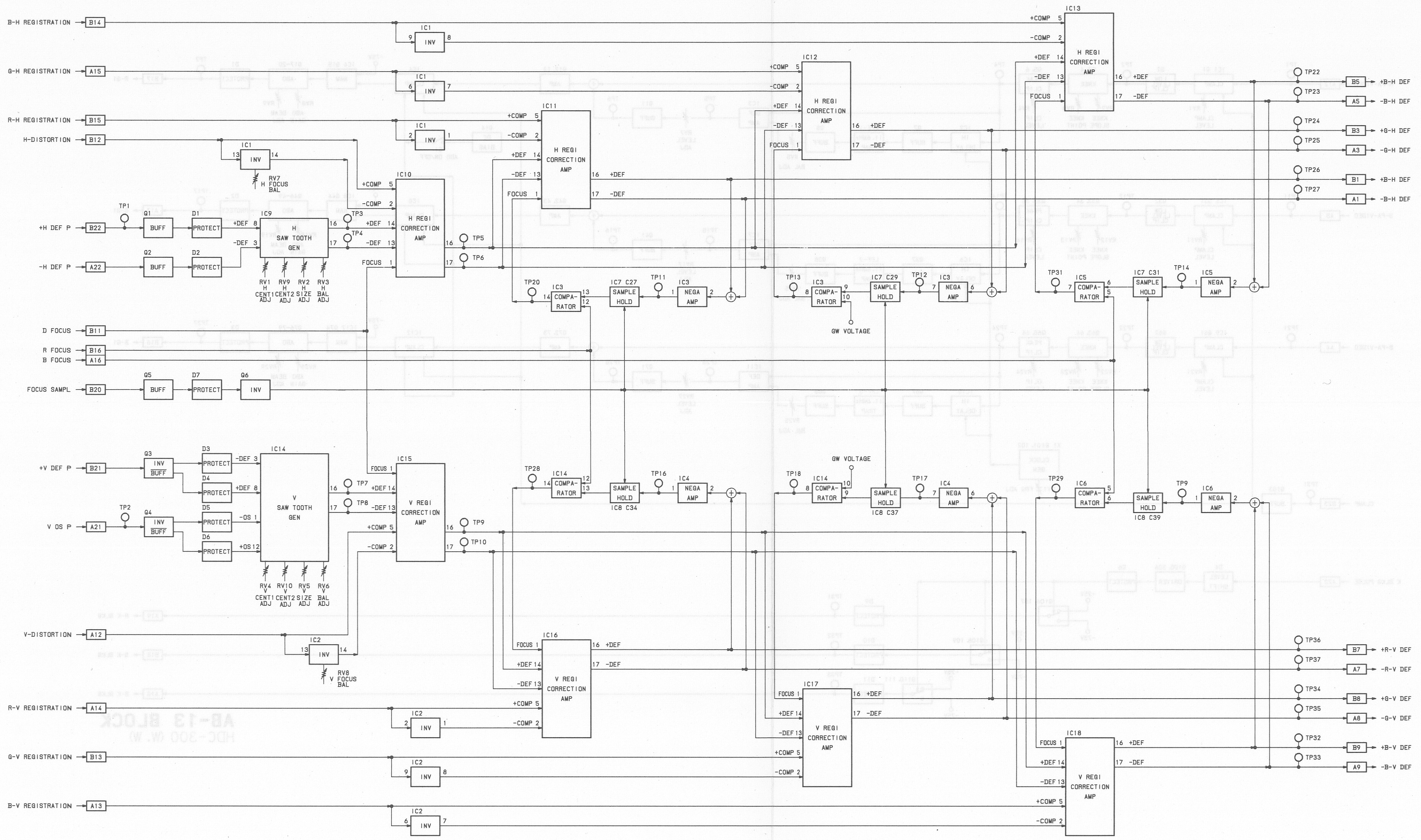
SV-107 BLOCK


ND POTENTION
CN13
3
IC1
AMP
3
1
9
10
IC2
COMP AMP
8
Q1, 3
DRIVER
IC2
INV
Q2, 4
DRIVER
TP1
TP2
CN13
1
+ND MOTOR
CN13
2
-ND MOTOR
+5V
RV1
RV2
LEVEL ADJ
IC4
LEVEL SELECT
10
IC1
AMP
8
CN1
ND FILTER 0
B8
ND FILTER 1
A9
AUTO/MANUAL SELECT SW S1
CC POTENTION
CN13
6
IC1
AMP
5
7
2
3
IC2
COMP AMP
1
Q5, 7
DRIVER
IC2
INV
DRIVER
TP3
TP4
CN13
4
+CC MOTOR
CN13
5
-CC MOTOR
+5V
RV3
RV4
LEVEL ADJ
IC5
LEVEL SELECT
12
IC1
AMP
14
CN1
CC FILTER 0
B9
CC FILTER 1
A10
+5V
RV5
TEMP LEVEL
5
6
IC3
AMP
7
TP5
IC3
LEVEL DETECT
+5V
Q13
CN1
B11
OVER-HEAT
CN14
+TEMP
1
CN1
B10
TEMPERATURE
+5V
RV8
BRIGHT CONT
13
12
IC6
COMP AMP
14
Q11
DRIVER
TP12
CN15
2
R-BIAS LAMP
+5V
RV7
BRIGHT CONT
2
3
IC6
COMP AMP
1
Q10
DRIVER
TP15
CN16
2
G-BIAS LAMP
+5V
RV6
BRIGHT CONT
6
5
IC6
COMP AMP
7
Q9
DRIVER
TP16
CN17
2
B-BIAS LAMP
IC6 D5, 6, 7
BREAK DETECT
+5V
Q12
CN1
A11
BIAS LAMP ACTIVE

SV-107 BLOCK
HDC-300 (W. W)

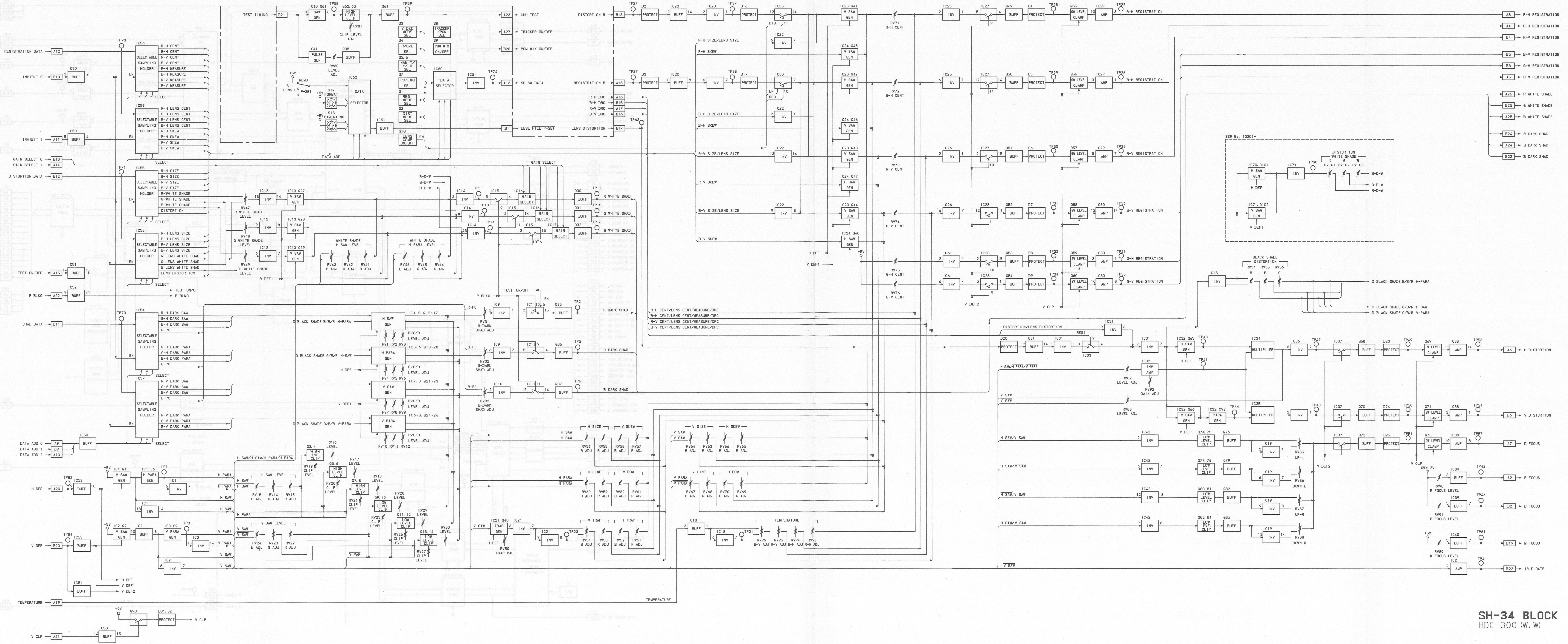

R-PA-VIDEO
A12
TP1
IC1 Q1
CLAMP
RV1
CLAMP LEVEL
Q2
LOW LEVEL CLIP
TP2
Q3, 4
KNEE
RV2
RV3
KNEE SLOPE
KNEE POINT
Q5, 6
PEAK CLIP
RV4
CLIP LEVEL
TP4
IC2
1H DELAY
Q7
BUFF
LPF-1
11.6MHz TRAP
Q8
BUFF
RV5
BAL ADJ
IC3
DEF AMP
TP5
RV7
LEVEL ADJ
Q11
BUFF
TP6
Q12, 13
AMP
Q14
DC BIAS
S1
ABO ON/OFF
IC4
CLAMP
-75V
IC4 Q15
NAM
Q17~20
ABO
RV8
RV9
ABO GAIN
BEAM ADJ
D1
PROTECT
TP7
B17
R-G1
G-PA-VIDEO
A8
TP11
IC5 Q31
CLAMP
RV11
CLAMP LEVEL
Q32
LOW LEVEL CLIP
TP12
Q33, 34
KNEE
RV12
RV13
KNEE SLOPE
KNEE POINT
Q35, 36
PEAK CLIP
RV14
CLIP LEVEL
TP14
IC6
1H DELAY
Q37
BUFF
LPF-2
11.6MHz TRAP
Q38
BUFF
RV15
BAL ADJ
IC7
DEF AMP
TP15
RV17
LEVEL ADJ
Q41
BUFF
TP16
Q42, 43
AMP
IC8
CLAMP
-75V
IC8 Q44
NAM
Q46~49
ABO
RV18
RV19
ABO GAIN
BEAM ADJ
D2
PROTECT
TP17
A17
G-G1
B-PA-VIDEO
A4
TP21
IC9 Q61
CLAMP
RV21
CLAMP LEVEL
Q62
LOW LEVEL CLIP
TP22
Q63, 64
KNEE
RV22
RV23
KNEE SLOPE
KNEE POINT
Q65, 66
PEAK CLIP
RV24
CLIP LEVEL
TP24
IC10
1H DELAY
Q67
BUFF
LPF-3
11.6MHz TRAP
Q68
BUFF
RV25
BAL ADJ
IC11
DEF AMP
TP25
RV27
LEVEL ADJ
Q71
BUFF
TP26
Q72, 73
AMP
IC12
CLAMP
-75V
IC12 Q74
NAM
Q76~79
ABO
RV28
RV29
ABO GAIN
BEAM ADJ
D3
PROTECT
TP27
B16
B-G1
X1 Q101, 102
CLOCK GEN
CV1
FRQ ADJ
CLAMP
B23
TP31
Q103
BUFF
K BLKG PULSE
A22
D4
LEVEL SHIFT
Q105, 306
DRIVER
D6
PROTECT
-25V
Q106, 107
-75V
D9
PROTECT
TP31
A19
R-K BLKG
-25V
Q108, 109
-75V
D10
PROTECT
TP32
B18
G-K BLKG
-25V
Q110, 111
-75V
D11
PROTECT
TP33
A18
B-K BLKG

AB-13 BLOCK
HDC-300 (W. W)


B-H REGISTRATION
B14
G-H REGISTRATION
A15
R-H REGISTRATION
B15
H-DISTORTION
B12
+H DEF P
B22
-H DEF P
A22
D FOCUS
B11
R FOCUS
B16
B FOCUS
A16
FOCUS SAMPL.
B20
+V DEF P
B21
V OS P
A21
V-DISTORTION
A12
R-V REGISTRATION
A14
G-V REGISTRATION
B13
B-V REGISTRATION
A13
IC1 INV
IC2 INV
RV7 H FOCUS BAL
RV8 V FOCUS BAL
TP1
TP2
Q1 BUFF
Q2 BUFF
Q3 INV BUFF
Q4 INV BUFF
Q5 BUFF
D7 PROTECT
Q6 INV
D1 PROTECT
D2 PROTECT
D3 PROTECT
D4 PROTECT
D5 PROTECT
D6 PROTECT
IC9 H SAW TOOTH GEN
RV1 H CENT1 ADJ
RV9 H CENT2 ADJ
RV2 H SIZE ADJ
RV3 H BAL ADJ
IC14 V SAW TOOTH GEN
RV4 V CENT1 ADJ
RV10 V CENT2 ADJ
RV5 V SIZE ADJ
RV6 V BAL ADJ
+DEF
-DEF
-OS
+OS
TP3
TP4
TP7
TP8
IC10 H REGI CORRECTION AMP
IC11 H REGI CORRECTION AMP
IC12 H REGI CORRECTION AMP
IC13 H REGI CORRECTION AMP
IC15 V REGI CORRECTION AMP
IC16 V REGI CORRECTION AMP
IC17 V REGI CORRECTION AMP
IC18 V REGI CORRECTION AMP
+COMP
-COMP
FOCUS
TP5
TP6
TP9
TP10
TP20
IC3 COMPA-RATOR
IC7 C27 SAMPLE HOLD
TP11
IC3 NEGA AMP
TP13
IC3 COMPA-RATOR
GW VOLTAGE
IC7 C29 SAMPLE HOLD
TP12
IC3 NEGA AMP
TP31
IC5 COMPA-RATOR
IC7 C31 SAMPLE HOLD
TP14
IC5 NEGA AMP
TP28
IC14 COMPA-RATOR
SAMPLE HOLD IC8 C34
TP16
IC4 NEGA AMP
TP18
IC14 COMPA-RATOR
GW VOLTAGE
SAMPLE HOLD IC8 C37
TP17
IC4 NEGA AMP
TP29
IC6 COMPA-RATOR
SAMPLE HOLD IC8 C39
TP9
IC6 NEGA AMP
TP22
B5 +B-H DEF
TP23
A5 -B-H DEF
TP24
B3 +G-H DEF
TP25
A3 -G-H DEF
TP26
B1 +B-H DEF
TP27
A1 -B-H DEF
TP36
B7 +R-V DEF
TP37
A7 -R-V DEF
TP34
B8 +G-V DEF
TP35
A8 -G-V DEF
TP32
B9 +B-V DEF
TP33
A9 -B-V DEF
1
2
3
4
5
6
A
B
C
D
E
F

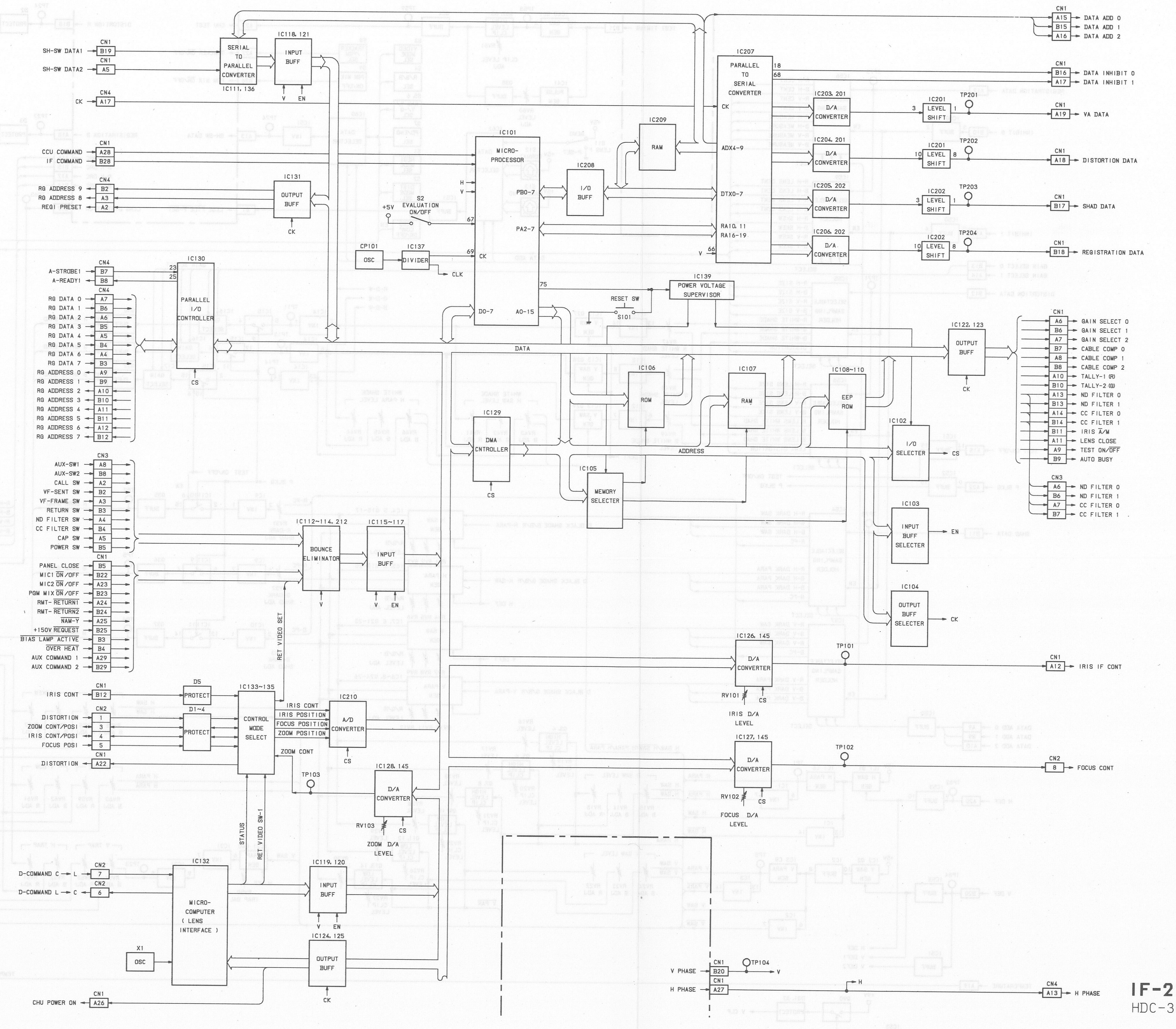
DF-46 BLOCK
HDC-300 (W. W)

SH-34 BLOCK


REGISTRATION DATA
INHIBIT 0
INHIBIT 1
GAIN SELECT 0
GAIN SELECT 1
DISTORTION DATA
TEST ON/OFF
P BLKG
SHAD DATA
DATA ADD 0
DATA ADD 1
DATA ADD 2
H DEF
V DEF
TEMPERATURE
V CLP
TEST TIMING
CHU TEST
TRACKER ON/OFF
PBW MIX ON/OFF
SH-SW DATA
LENS FILE P-SET
DISTORTION R
REGISTRATION B
LENS DISTORTION
DATA SELECTOR
R-H REGISTRATION
G-H REGISTRATION
B-H REGISTRATION
R-V REGISTRATION
B-V REGISTRATION
R WHITE SHADE
G WHITE SHADE
B WHITE SHADE
R DARK SHAD
G DARK SHAD
B DARK SHAD
H DISTORTION
V DISTORTION
D FOCUS
A FOCUS
B FOCUS
M FOCUS
IRIS GATE
MULTIPLIER
SER No. 10201~
D BLACK SHADE B/B/R H-PARA
D BLACK SHADE G/B/R H-SAW
D BLACK SHADE G/B/R V-PARA
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I
J
K
L
M

SH-34 BLOCK
HDC-300 (W. W)

IF-213 BLOCK


SH-SW DATA1
SH-SW DATA2
CN1
B19
A5
CN4
CK
A17
SERIAL TO PARALLEL CONVERTER
IC111, 136
IC118, 121
INPUT BUFF
V
EN
CCU COMMAND
IF COMMAND
A28
B28
RG ADDRESS 9
RG ADDRESS 8
REGI PRESET
B2
A3
A2
IC131
OUTPUT BUFF
CK
IC101
MICRO-PROCESSOR
H
V
PB0-7
PA2-7
67
69
CK
75
D0-7
A0-15
+5V
S2
EVALUATION ON/OFF
CP101
OSC
IC137
DIVIDER
CLK
IC208
I/O BUFF
IC209
RAM
IC207
PARALLEL TO SERIAL CONVERTER
CK
ADX4-9
DTX0-7
RA10, 11
RA16-19
V
66
18
68
IC203, 201
IC204, 201
IC205, 202
IC206, 202
D/A CONVERTER
IC201
IC202
LEVEL SHIFT
3
1
10
8
TP201
TP202
TP203
TP204
A15
B15
A16
DATA ADD 0
DATA ADD 1
DATA ADD 2
B16
A17
DATA INHIBIT 0
DATA INHIBIT 1
A19
VA DATA
A18
DISTORTION DATA
B17
SHAD DATA
B18
REGISTRATION DATA
IC139
POWER VOLTAGE SUPERVISOR
RESET SW
S101
A-STROBE1
A-READY1
B7
B8
23
25
IC130
PARALLEL I/O CONTROLLER
CS
RG DATA 0
RG DATA 1
RG DATA 2
RG DATA 3
RG DATA 4
RG DATA 5
RG DATA 6
RG DATA 7
RG ADDRESS 0
RG ADDRESS 1
RG ADDRESS 2
RG ADDRESS 3
RG ADDRESS 4
RG ADDRESS 5
RG ADDRESS 6
RG ADDRESS 7
A7
B6
A6
B5
A5
B4
A4
B3
A9
B9
A10
B10
A11
B11
A12
B12
DATA
IC122, 123
OUTPUT BUFF
CK
GAIN SELECT 0
GAIN SELECT 1
GAIN SELECT 2
CABLE COMP 0
CABLE COMP 1
CABLE COMP 2
TALLY-1 (R)
TALLY-2 (G)
ND FILTER 0
ND FILTER 1
CC FILTER 0
CC FILTER 1
IRIS A/M
LENS CLOSE
TEST ON/OFF
AUTO BUSY
A6
B6
A7
B7
A8
B8
A10
B10
A13
B13
A14
B14
B11
A11
A9
B9
CN3
ND FILTER 0
ND FILTER 1
CC FILTER 0
CC FILTER 1
IC129
DMA CNTROLLER
CS
IC105
MEMORY SELECTER
IC106
ROM
IC107
RAM
IC108~110
EEP ROM
ADDRESS
IC102
I/O SELECTER
CS
IC103
INPUT BUFF SELECTER
EN
IC104
OUTPUT BUFF SELECTER
CK
AUX-SW1
AUX-SW2
CALL SW
VF-SENT SW
VF-FRAME SW
RETURN SW
ND FILTER SW
CC FILTER SW
CAP SW
POWER SW
A8
B8
A2
B2
A3
B3
A4
B4
A5
B5
PANEL CLOSE
MIC1 ON/OFF
MIC2 ON/OFF
PGM MIX ON/OFF
RMT-RETURN1
RMT-RETURN2
NAM-Y
+150V REQUEST
BIAS LAMP ACTIVE
OVER HEAT
AUX COMMAND 1
AUX COMMAND 2
B5
B22
A23
B23
A24
B24
A25
B25
B3
B4
A29
B29
IC112~114, 212
BOUNCE ELIMINATOR
V
IC115~117
INPUT BUFF
V
EN
RET VIDEO SET
IRIS CONT
B12
D5
PROTECT
CN2
DISTORTION
ZOOM CONT/POSI
IRIS CONT/POSI
FOCUS POSI
1
3
4
5
D1~4
PROTECT
DISTORTION
A22
IC133~135
CONTROL MODE SELECT
IRIS CONT
IRIS POSITION
FOCUS POSITION
ZOOM POSITION
ZOOM CONT
IC210
A/D CONVERTER
CS
TP103
IC128, 145
D/A CONVERTER
RV103
CS
ZOOM D/A LEVEL
STATUS
RET VIDEO SW-1
D-COMMAND C
D-COMMAND L
L
C
7
6
IC132
MICRO-COMPUTER (LENS INTERFACE)
X1
OSC
IC119, 120
INPUT BUFF
V
EN
IC124, 125
OUTPUT BUFF
CK
CHU POWER ON
A26
IC126, 145
D/A CONVERTER
RV101
CS
IRIS D/A LEVEL
TP101
A12
IRIS IF CONT
IC127, 145
D/A CONVERTER
RV102
CS
FOCUS D/A LEVEL
TP102
8
FOCUS CONT
V PHASE
B20
TP104
V
H PHASE
A27
H
CN4
A13
H PHASE

IF-213 BLOCK
HDC-300 (W. W)

VA-73 BOARD

RV1/R GAIN 1
RV2/R-BLACK
RV3/R-GAIN-2
RV101/G GAIN 1
RV102/G-BLACK
RV103/G-GAIN-2
RV201/B GAIN 1
RV202/B-BLACK
RV203/B-GAIN-2
RV401/OHB-SET
RV422/TEST LEVEL
R-PA-VIDEO IN
G-PA-VIDEO IN
B-PA-VIDEO IN
R-DARK SHADE
R-WHITE SHADE
G-DARK SHADE
G-WHITE SHADE
B-DARK SHADE
B-WHITE SHADE
R-VA-VIDEO OUT
G-VA-VIDEO OUT
B-VA-VIDEO OUT
GAIN SELECT 2
GAIN SELECT 1
GAIN SELECT 0
DATA INHIBIT 1 IN
DATA INHIBIT 0 IN
TEST ON/OFF
VA DATA IN
CLP IN
CHU TEST IN
P-BLK IN
V-DG IN
R-FLARE CONT
G-FLARE CONT
B-FLARE CONT
HOLD
BUFF
A B C D E F G H I J K L M
1 2 3 4 5 6

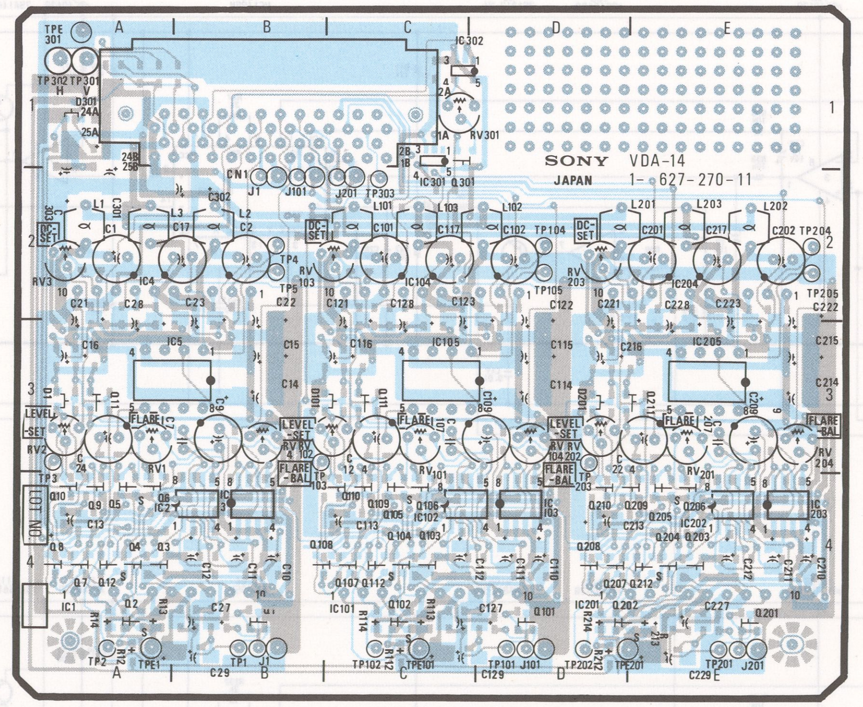
*NOTE

MARKE	REF No.	CHANG INFORMATION	SER No.
*1	R26 R126 R226	510K → 56K	10101-
	R27 R127 R227	330K → 22K	
*2	R423	ADD	10201-
*3	R19 R119 R219	510 → 750	10401-
	R84 R184 R284	ADD	
	IC403	TC4051BF → MC14051BF	

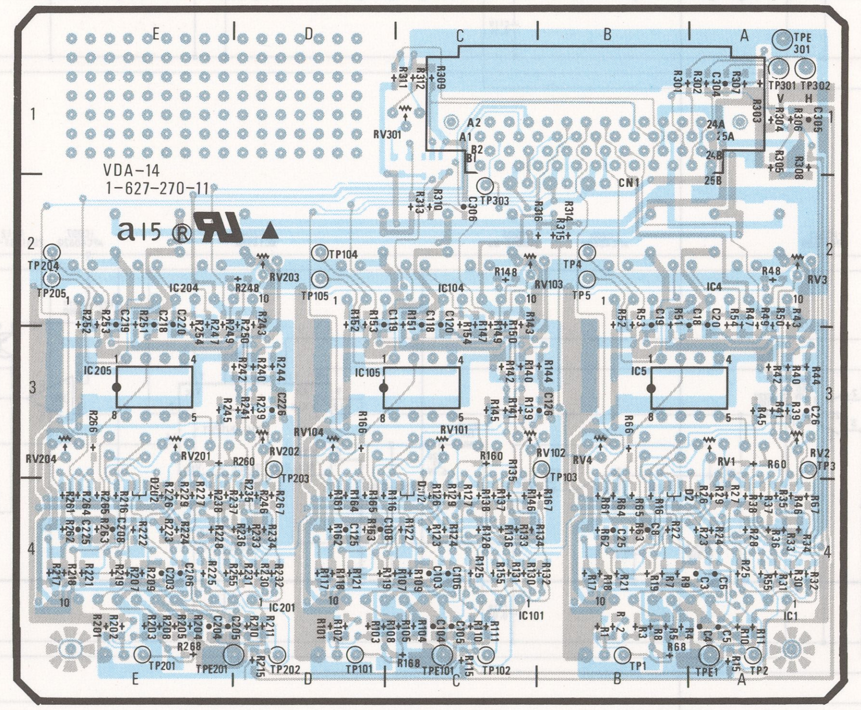
VA-73 BOARD

VDA-14 BOARD

Serial No. 10001 – 10120



1-627-270-11 COMPONENT SIDE



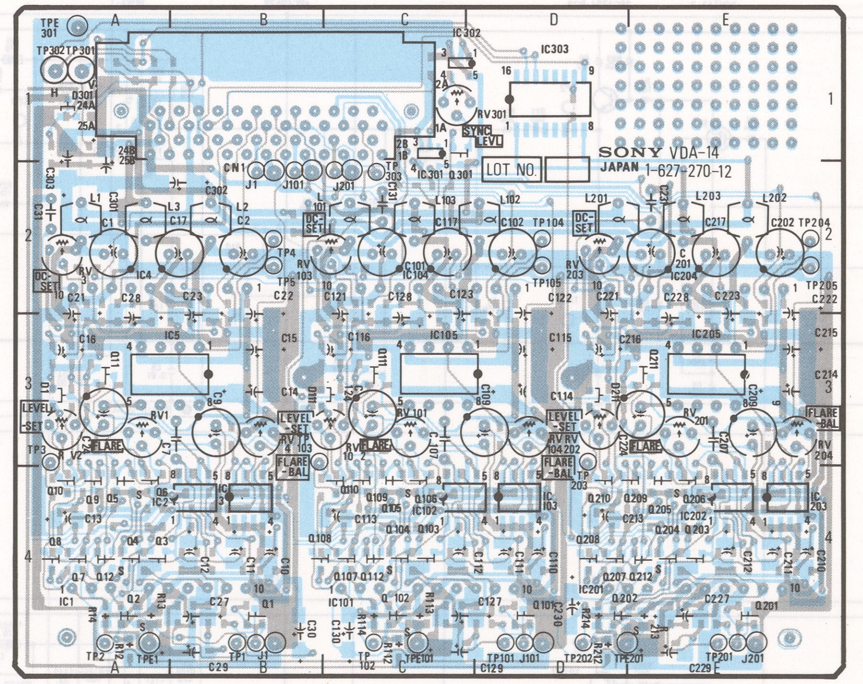
1-627-270-11 SOLDERING SIDE

VDA-14 1-627-270-11

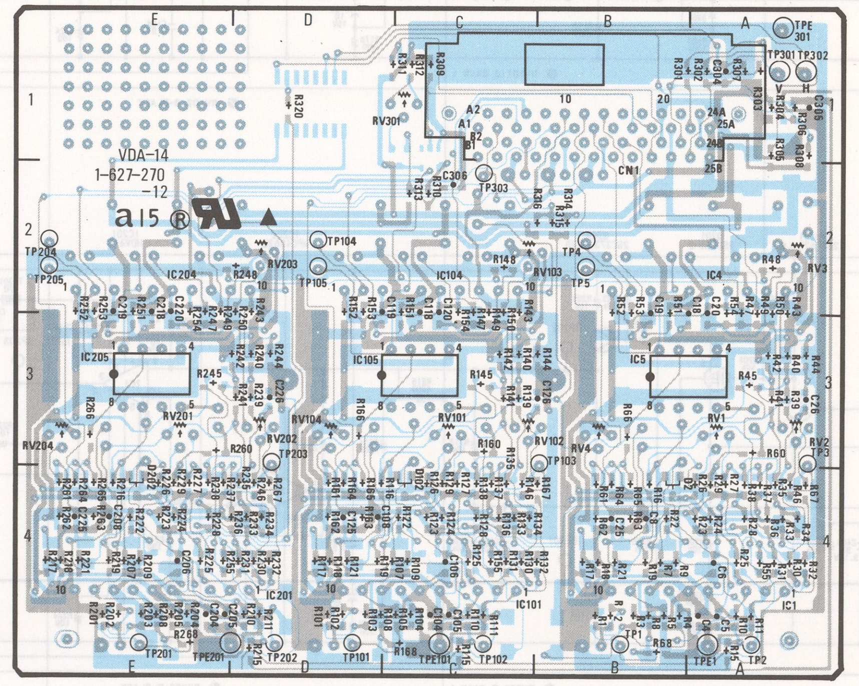
CN1	B-2
D1	A-3
D2	B-4
D101	B-3
D102	C-4
D201	D-3
D201	E-4
D301	A-1
IC2	A-4.
IC3	B-4
IC4	A-2
IC5	B-3
IC101	C-4
IC102	C-4
IC103	D-4
IC104	C-2
IC105	C-3
IC201	D-4
IC202	E-4
IC203	E-4
IC204	E-2
IC205	E-3
IC301	C-1
IC302	C-1
L1	A-2
L2	B-2
L3	A-2
L101	C-2
L102	D-2
L103	C-2
L201	E-2
L202	E-2
L203	E-2
Q1	B-4
Q3	A-4
Q4	A-4
Q5	A-4
Q6	A-4
Q7	A-4
Q8	A-4
Q9	A-4
Q10	A-4
Q11	A-3
Q12	A-4
Q101	D-4
Q102	C-4
Q103	C-4
Q104	C-4
Q105	C-4
Q106	C-4
Q107	C-4
Q108	C-4
Q109	C-4
Q110	C-4
Q111	C-3
Q112	C-4
Q201	E-4
Q202	D-4
Q203	E-4
Q204	E-4
Q205	E-4
Q206	E-4
Q207	D-4
Q208	D-4
Q209	E-4
Q210	D-4
Q211	E-3
Q212	E-4
RV1	A-3
RV2	A-3
RV3	A-2
RV4	B-3
RV101	C-3
RV102	B-3
RV103	B-2
RV104	D-3
RV201	E-3
RV202	D-3
RV203	D-2
RV204	E-3
RV301	C-1
TP1	B-4
TP2	A-4
TP3	A-3
TP4	B-2
TP5	B-2
TP101	D-4
TP102	C-4
TP103	B-3
TP104	D-2
TP105	D-2
TP201	E-4
TP202	D-4
TP203	D-3
TP204	E-2
TP205	E-2
TP301	A-1
TP302	A-1
TP303	C-2
TPE	A-4
TPE1	A-4
TPE101	C-4
TPE201	D-4
TPE201	E-4
TPE301	A-1

VDA-14 BOARD

Serial No. 10201 – 10310



1-627-270-12 COMPONENT SIDE



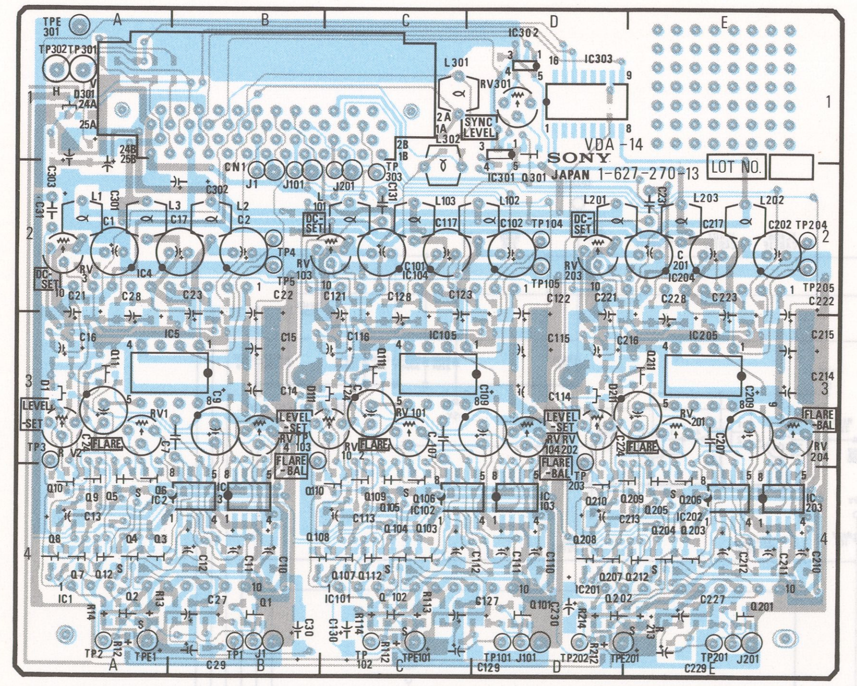
1-627-270-12 SOLDERING SIDE

VDA-14 1-627-270-12

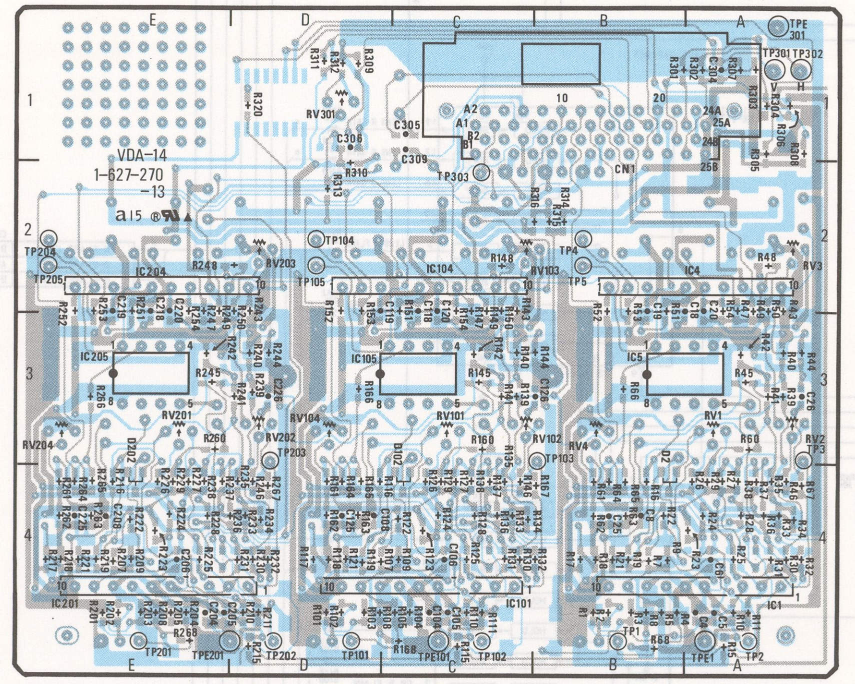
CN1	B-2
D1	A-3
D2	B-4
D102	C-4
D111	B-3
D202	E-4
D211	D-3
D301	A-1
IC1	A-4
IC2	A-4
IC3	B-4
IC4	A-2
IC5	B-3
IC101	C-4
IC102	C-4
IC103	D-4
IC104	C-2
IC105	C-3
IC201	D-4
IC202	E-4
IC203	E-4
IC204	E-2
IC205	E-3
IC301	C-2
IC302	C-1
IC303	D-1
L1	A-2
L2	B-2
L3	B-2
L101	B-2
L102	D-2
L103	C-2
L201	D-2
L202	E-2
L203	E-2
Q1	B-4
Q2	A-4
Q3	A-4
Q4	A-4
Q5	A-4
Q6	A-4
Q7	A-4
Q8	A-4
Q9	A-4
Q10	A-4
Q11	A-3
Q12	A-4
Q101	D-4
Q102	C-4
Q103	C-4
Q104	C-4
Q105	C-4
Q106	C-4
Q107	C-4
Q108	C-4
Q109	C-4
Q110	C-4
Q111	C-3
Q112	C-4
Q201	E-4
Q202	D-4
Q203	E-4
Q204	E-4
Q205	E-4
Q206	E-4
Q207	D-4
Q208	D-4
Q209	E-4
Q210	D-4
Q211	E-3
Q212	E-4
Q301	C-2
RV1	A-3
RV2	A-3
RV3	A-2
RV4	B-3
RV101	C-3
RV102	C-3
RV103	B-2
RV104	D-3
RV201	E-3
RV202	D-3
RV203	D-2
RV204	E-3
RV301	D-1
TP1	B-4
TP2	A-4
TP3	A-3
TP4	B-2
TP5	B-2
TP101	D-4
TP102	C-4
TP103	B-3
TP104	D-2
TP105	D-2
TP201	E-4
TP202	D-4
TP203	D-4
TP204	E-2
TP205	E-2
TP301	A-1
TP302	A-1
TP303	C-2
TPE1	A-4
TPE101	C-4
TPE201	E-4
TPE301	A-1

VDA-14 BOARD

Serial No. 10401 –



1-627-270-13 COMPONENT SIDE

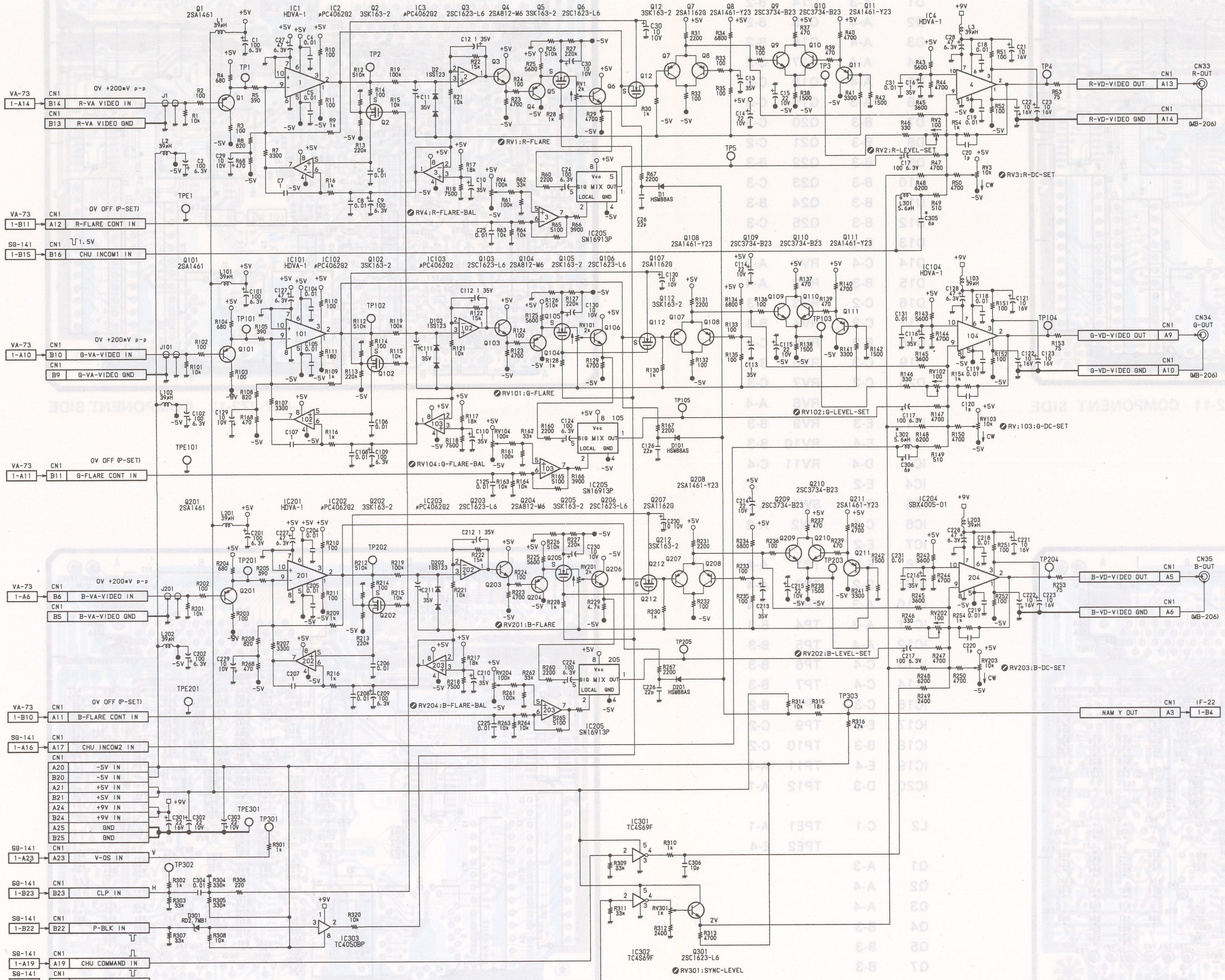


1-627-270-13 SOLDERING SIDE

VDA-14 1-627-270-13

CN1	B-2
D1	A-3
D2	B-4
D102	C-4
D111	B-3
D202	E-4
D211	D-3
D301	A-1
IC1	A-4
IC2	A-4
IC3	B-4
IC4	A-2
IC5	B-3
IC101	C-4
IC102	C-4
IC103	D-4
IC104	C-2
IC105	C-3
IC201	D-4
IC202	E-4
IC203	E-4
IC204	E-2
IC205	E-3
IC301	C-2
IC302	D-1
IC303	D-1
L1	A-2
L2	B-2
L3	B-2
L101	B-2
L102	D-2
L103	C-2
L201	D-2
L202	E-2
L203	E-2
L301	C-1
L302	C-1
Q1	B-4
Q2	A-4
Q3	A-4
Q4	A-4
Q5	A-4
Q6	A-4
Q7	A-4
Q8	A-4
Q9	A-4
Q10	A-4
Q11	A-3
Q12	A-4
Q101	D-4
Q102	C-4
Q103	C-4
Q104	C-4
Q105	C-4
Q106	C-4
Q107	C-4
Q108	C-4
Q109	C-4
Q110	C-4
Q111	C-3
Q112	C-4
Q201	E-4
Q202	D-4
Q203	E-4
Q204	E-4
Q205	E-4
Q206	E-4
Q207	D-4
Q208	D-4
Q209	E-4
Q210	D-4
Q211	E-3
Q212	E-4
Q301	C-2
RV1	A-3
RV2	A-3
RV3	A-2
RV4	B-3
RV101	C-3
RV102	C-3
RV103	B-2
RV104	D-3
RV201	E-3
RV202	D-3
RV203	D-2
RV204	E-3
RV301	D-1
TP1	B-4
TP2	A-4
TP3	A-3
TP4	B-2
TP5	B-2
TP101	D-4
TP102	C-4
TP103	B-3
TP104	D-2
TP105	D-2
TP201	E-4
TP202	D-4
TP203	D-4
TP204	E-2
TP205	E-2
TP301	A-1
TP302	A-1
TP303	C-2
TPE1	A-4
TPE101	C-4
TPE201	E-4
TPE301	A-1

VDA-14 BOARD



VA-73 1-A14
CN1 B14 R-VA VIDEO IN
CN1 B13 R-VA VIDEO GND
0V +200mV p-p
VA-73 1-B11
CN1 A12 R-FLARE CONT IN
SG-141 1-B15
CN1 B16 CHU INCOM1 IN
VA-73 1-A10
CN1 B10 G-VA-VIDEO IN
CN1 B9 G-VA-VIDEO GND
VA-73 1-A11
CN1 B11 G-FLARE CONT IN
0V OFF (P-SET)
VA-73 1-A6
CN1 B6 B-VA-VIDEO IN
CN1 B5 B-VA-VIDEO GND
VA-73 1-B10
CN1 A11 B-FLARE CONT IN
SG-141 1-A16
CN1 A17 CHU INCOM2 IN
A20 -5V IN
B20 -5V IN
A21 +5V IN
B21 +5V IN
A24 +9V IN
B24 +9V IN
A25 GND
B25 GND
SG-141 1-A23
CN1 A23 V-DS IN
SG-141 1-B23
CN1 B23 CLP IN
SG-141 1-B22
CN1 B22 P-BLK IN
SG-141 1-A19
CN1 A19 CHU COMMAND IN
SG-141 1-B19
CN1 B19 CHU SYNC IN
R-VD-VIDEO OUT CN1 A13
R-VD-VIDEO GND CN1 A14
CN33 R-OUT
(MB-206)
G-VD-VIDEO OUT CN1 A9
G-VD-VIDEO GND CN1 A10
CN34 G-OUT
B-VD-VIDEO OUT CN1 A5
B-VD-VIDEO GND CN1 A6
CN35 B-OUT
NAM Y OUT CN1 A3
IF-22 1-B4
RV1:R-FLARE
RV2:R-LEVEL-SET
RV3:R-DC-SET
RV4:R-FLARE-BAL
RV101:G-FLARE
RV102:G-LEVEL-SET
RV103:G-DC-SET
RV104:G-FLARE-BAL
RV201:B-FLARE
RV202:B-LEVEL-SET
RV203:B-DC-SET
RV204:B-FLARE-BAL
RV301:SYNC-LEVEL
IC1 HDVA-1
IC2 μPC4062G2
IC3 μPC4062G2
IC4 HDVA-1
IC5 SN16913P
IC101 HDVA-1
IC104 HDVA-1
IC105 SN16913P
IC201 HDVA-1
IC204 SBX4005-01
IC205 SN16913P
IC301 TC4S69F
IC302 TC4S69F
IC303 TC4050BP
Q1 2SA1461
Q2 3SK163-2
Q3 2SC1623-L6
Q4 2SA812-M6
Q5 3SK163-2
Q6 2SC1623-L6
Q7 2SA1162G
Q8 2SA1461-Y23
Q9 2SC3734-B23
Q10 2SC3734-B23
Q11 2SA1461-Y23
Q12 3SK163-2
Q301 2SC1623-L6
D1 HSM88AS
D2 1SS123
BIG MIX OUT
TP1
TP2
TP3
TP4
TP5
TPE1
TP101
TP102
TP103
TP104
TP105
TPE101
TP201
TP202
TP203
TP204
TP205
TPE201
TP301
TP302
TP303
TPE301

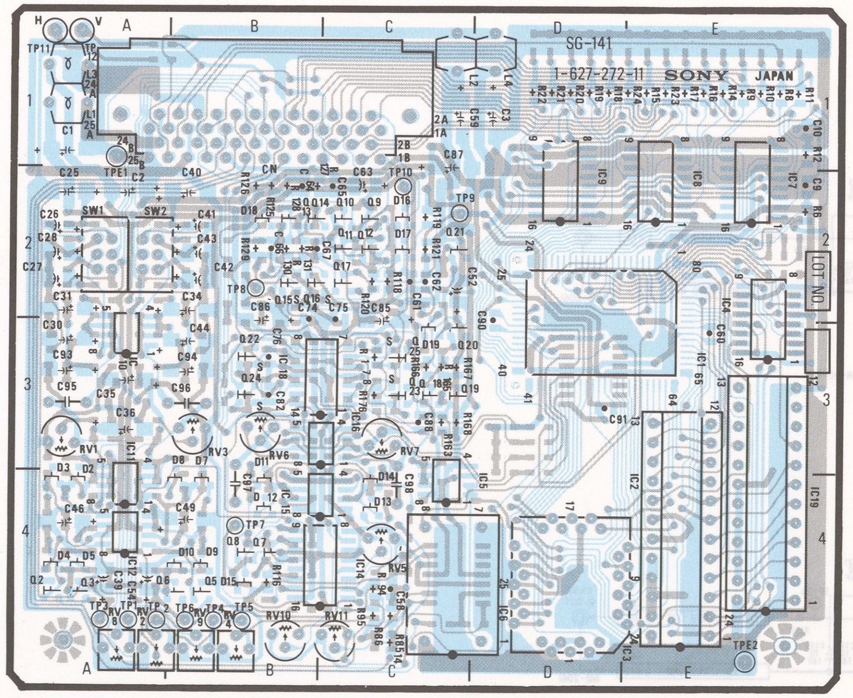
VDA-14 BOARD

*NOTE

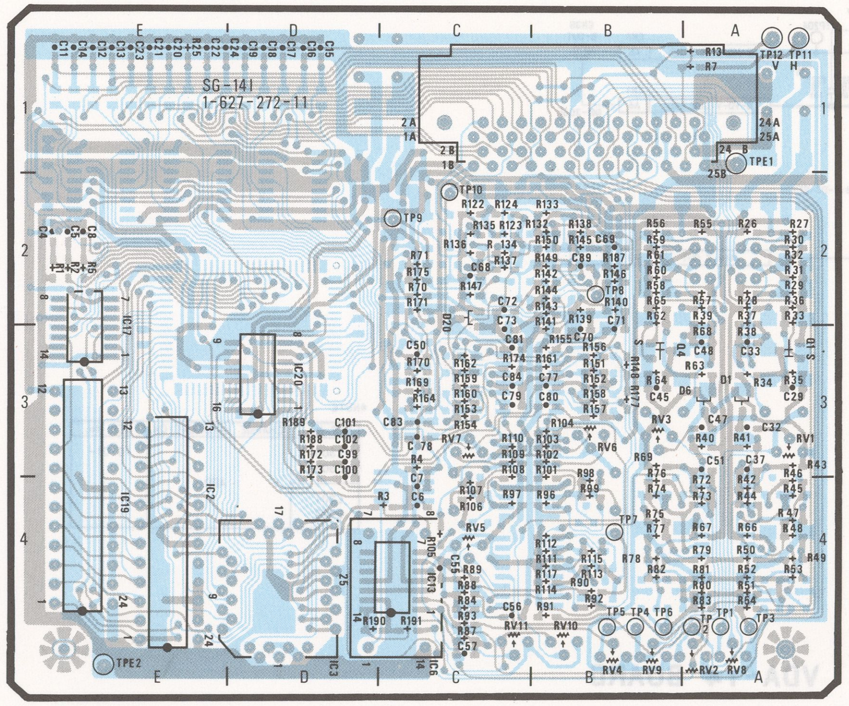
REF No.	CHANGE INFORMATION	SER No.
C305 C306 L301 L302	ADD	10101-

SG-141 BOARD

Serial No. 10001 – 10120



1-627-272-11 COMPONENT SIDE



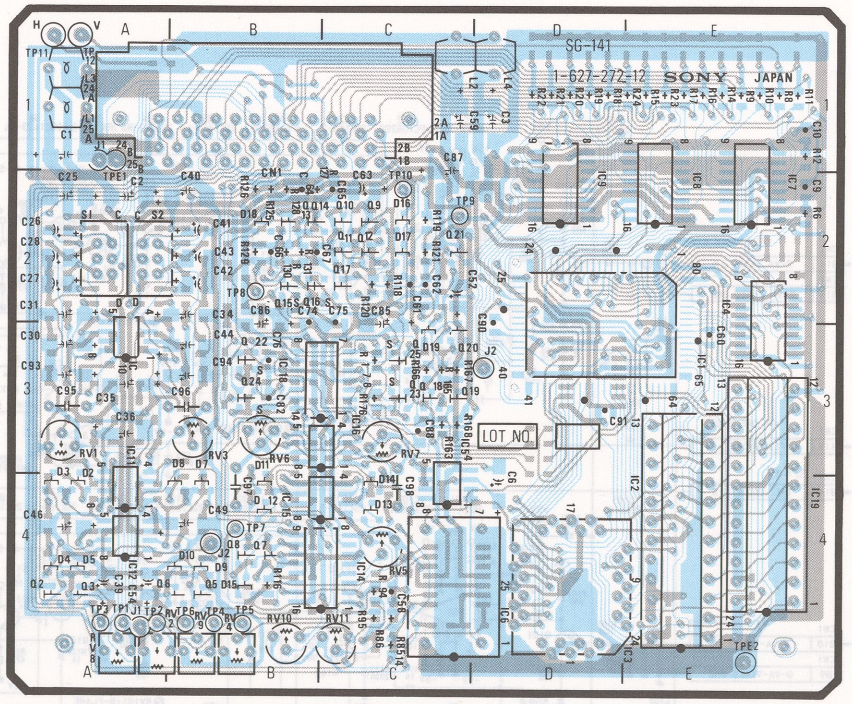
1-627-272-11 SOLDERING SIDE

SG-141 1-627-272-11

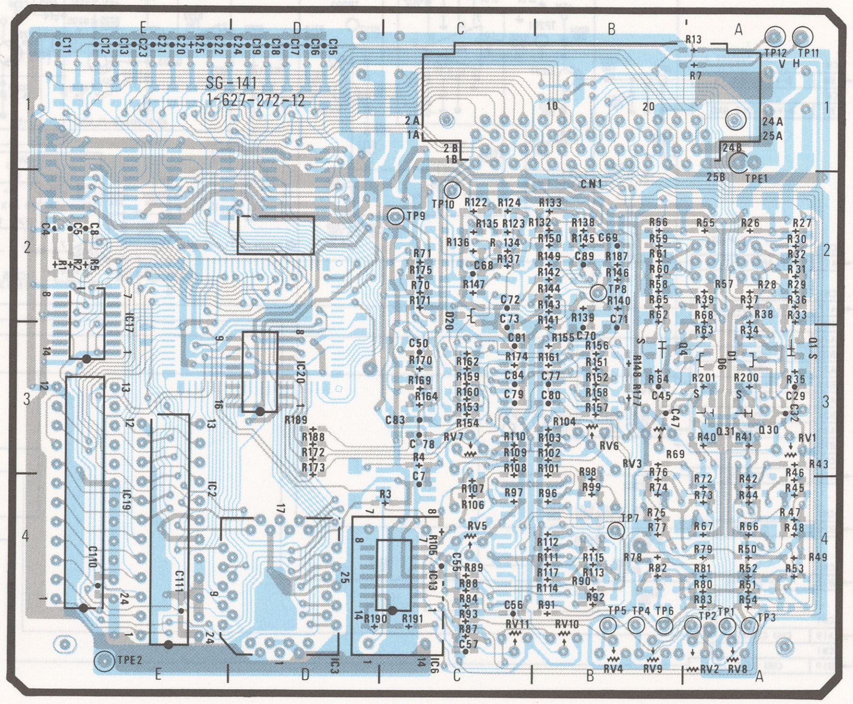
D1	A-3	Q14	B-2
D2	A-4	Q15	B-2
D3	A-4	Q16	B-2
D4	A-4	Q17	C-2
D5	A-4	Q18	C-3
D6	A-3	Q19	C-3
D7	B-3	Q20	C-3
D8	B-3	Q21	C-2
D9	B-3	Q22	B-3
D10	B-3	Q23	C-3
D11	B-3	Q24	B-3
D12	B-3	Q25	C-3
D13	C-4		
D14	C-4	RV1	A-3
D15	B-3	RV2	A-4
D16	C-2	RV3	B-3
D17	C-2	RV4	B-3
D18	B-2	RV5	C-4
D19	C-3	RV6	B-3
D20	C-2	RV7	C-3
		RV8	A-4
IC1	E-3	RV9	B-3
IC2	E-4	RV10	B-3
IC3	D-4	RV11	C-4
IC4	E-2		
IC5	C-4	SW1	A-2
IC6	C-4	SW2	A-2
IC7	E-2		
IC8	E-2	TP1	A-4
IC9	D-2	TP2	A-4
IC10	A-3	TP3	A-4
IC11	A-3	TP4	B-3
IC12	A-4	TP5	B-3
IC13	C-4	TP6	B-3
IC14	C-4	TP7	B-3
IC16	C-3	TP8	B-2
IC17	E-3	TP9	C-2
IC18	B-3	TP10	C-2
IC19	E-4	TP11	A-1
IC20	D-3	TP12	A-1
L2	C-1	TPE1	A-1
		TPE2	E-4
Q1	A-3		
Q2	A-4		
Q3	A-4		
Q4	B-3		
Q5	B-3		
Q7	B-3		
Q8	B-3		
Q9	C-2		
Q10	C-2		
Q11	C-2		
Q12	C-2		
Q13	B-2		

SG-141 BOARD

Serial No. 10201 – 10310



1-627-272-12 COMPONENT SIDE



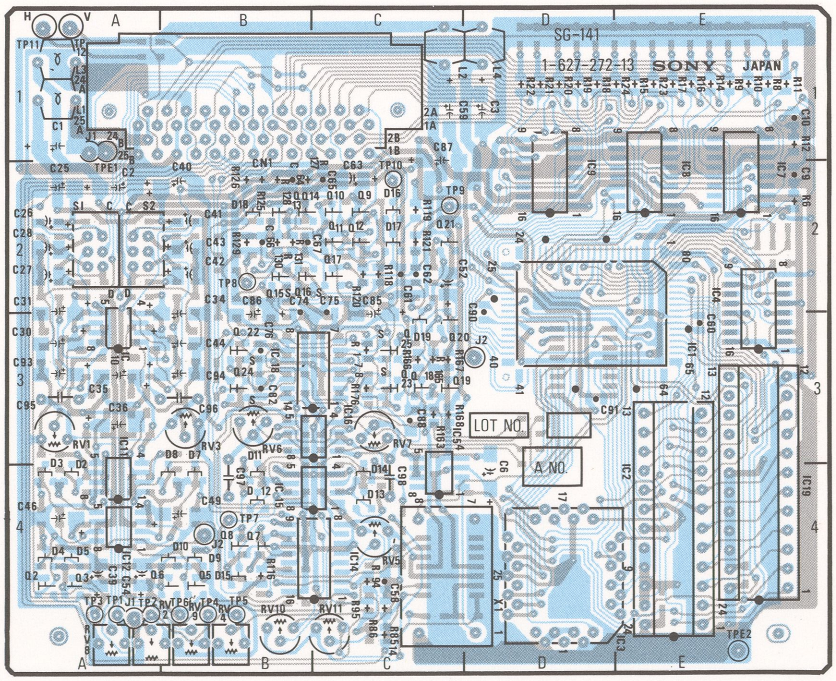
1-627-272-12 SOLDERING SIDE

SG-141 1-627-272-12

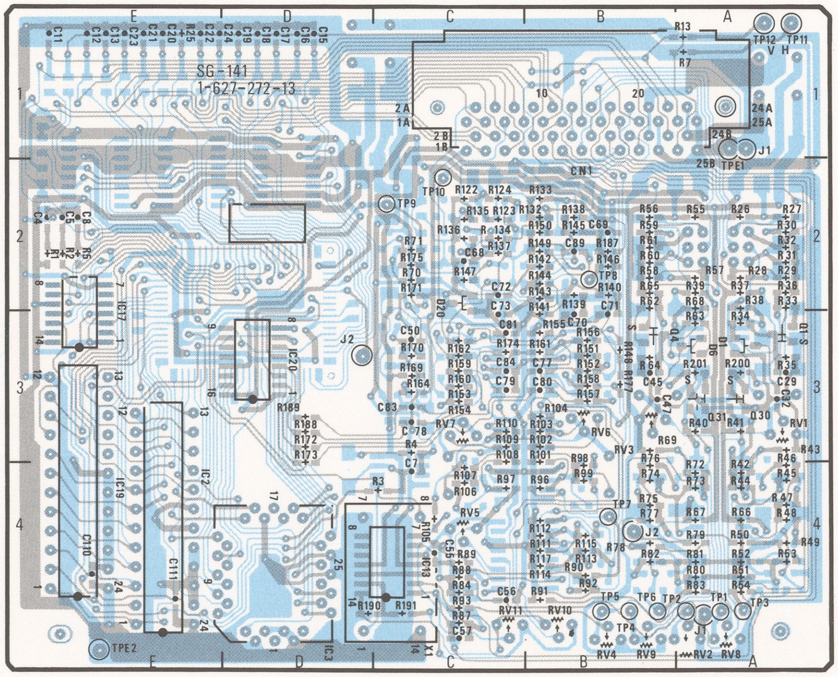
CN1	B-1	Q7	B-4
		Q8	B-4
CNI2	E-4	Q9	C-2
CNI3	D-4	Q10	C-2
CNI19	E-4	Q11	C-2
		Q12	C-2
D1	A-3	Q13	B-2
D2	A-4	Q14	B-2
D3	A-4	Q15	B-2
D4	A-4	Q16	B-2
D5	A-4	Q17	C-2
D6	A-3	Q18	C-3
D7	B-3	Q19	C-3
D8	B-3	Q20	C-3
D9	B-4	Q21	C-2
D10	B-4	Q22	B-3
D11	B-3	Q23	C-3
D12	B-4	Q24	B-3
D13	C-4	Q25	C-3
D14	C-4	Q30	A-3
D15	B-4	Q31	A-3
D16	C-2		
D17	C-2	RV1	A-3
D18	B-2	RV2	B-4
D19	C-3	RV3	B-3
D20	C-2	RV4	B-4
		RV5	C-4
IC1	E-3	RV6	B-3
IC4	E-2	RV7	C-3
IC5	C-3	RV8	A-4
IC7	E-2	RV9	B-4
IC8	E-2	RV10	B-4
IC9	D-2	RV11	C-4
IC10	A-3		
IC11	A-3	S1	A-2
IC12	A-4	S2	A-2
IC13	C-4		
IC14	C-4	TPE1	A-2
IC15	B-4	TPE2	E-4
IC16	C-3		
IC17	E-2	TP1	A-4
IC18	B-3	TP2	A-4
IC20	D-3	TP3	A-4
		TP4	B-4
L1	A-1	TP5	B-4
L2	C-1	TP6	B-4
L3	A-1	TP7	B-4
L4	D-1	TP8	B-2
		TP9	C-2
Q1	A-3	TP10	C-2
Q2	A-4	TP11	A-1
Q3	A-4	TP12	A-1
Q4	B-3		
Q5	B-4	X1	D-4
Q6	B-4		

SG-141 BOARD

Serial No. 10401 –


SG-141
1-627-272-13
SONY
JAPAN
LOT NO.
A NO.
A
B
C
D
E
1
2
3
4

1-627-272-13 COMPONENT SIDE

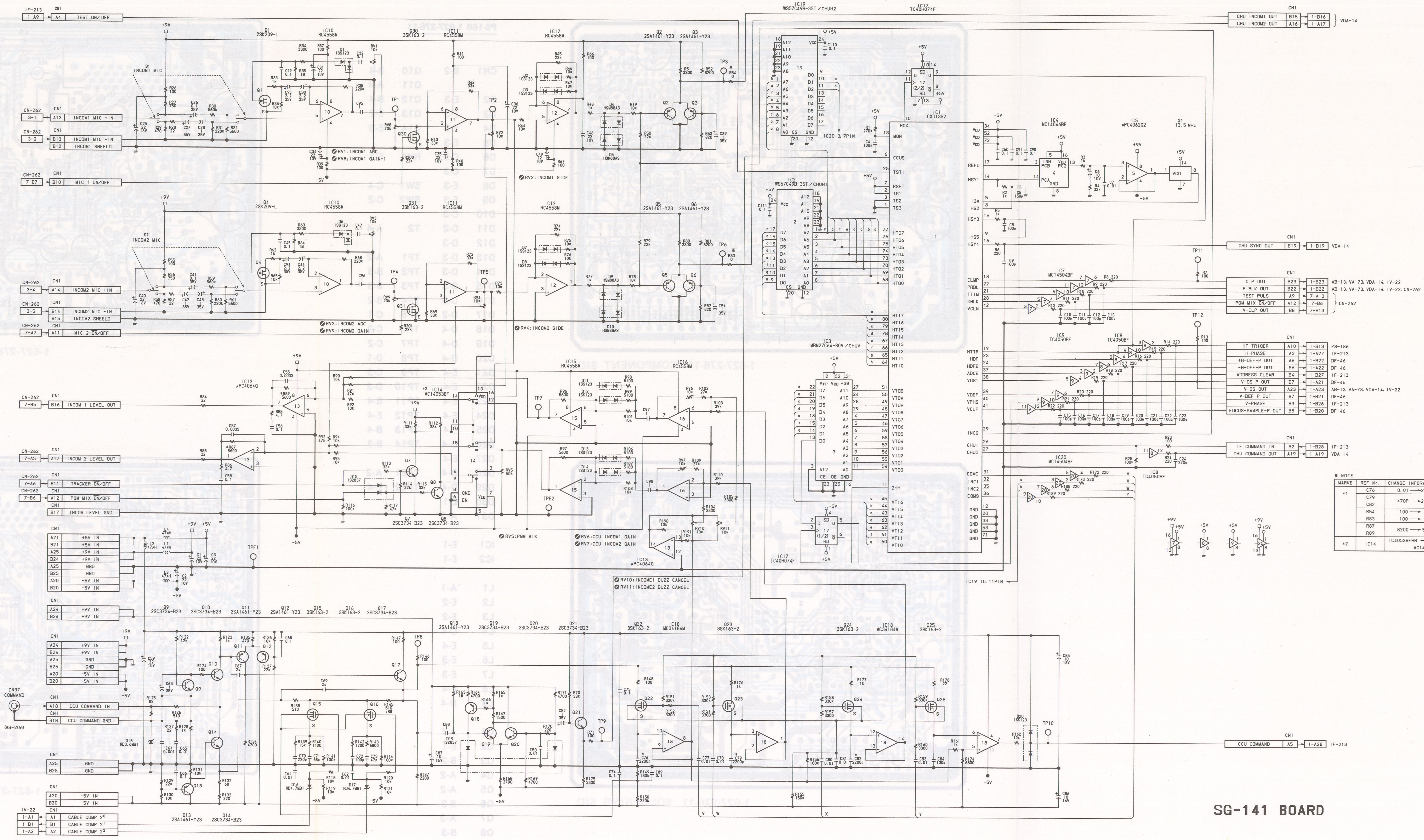

SG-141
1-627-272-13
CN1
A
B
C
D
E
1
2
3
4

1-627-272-13 SOLDERING SIDE

SG-141 1-627-272-13

CN1	B-1	Q6	B-4
		Q7	B-4
CN12	E-4	Q8	B-4
CN13	D-4	Q9	C-2
CN19	E-4	Q10	C-2
		Q11	C-2
D1	A-3	Q12	C-2
D2	A-4	Q13	B-2
D3	A-4	Q14	B-2
D4	A-4	Q15	B-2
D5	A-4	Q16	B-2
D6	A-3	Q17	C-2
D7	B-3	Q18	C-3
D8	B-3	Q19	C-3
D9	B-4	Q20	C-3
D10	B-4	Q21	C-2
D11	B-3	Q22	B-3
D12	B-4	Q23	C-3
D13	C-4	Q24	B-3
D14	C-4	Q25	C-3
D15	B-4	Q30	A-3
D16	C-2	Q31	A-3
D17	C-2		
D18	B-2	RV1	A-3
D19	C-3	RV2	B-4
D20	C-2	RV3	B-3
		RV4	B-4
IC1	E-3	RV5	C-4
IC3	D-4	RV6	B-3
IC4	E-2	RV7	C-3
IC5	C-3	RV8	A-4
IC7	E-2	RV9	B-4
IC8	E-2	RV10	B-4
IC9	D-2	RV11	C-4
IC10	A-3		
IC11	A-3	S1	A-2
IC12	A-4	S2	A-2
IC13	C-4		
IC14	C-4	TPE1	A-2
IC15	B-4	TPE2	E-4
IC16	C-3		
IC17	E-2	TP1	A-4
IC18	B-3	TP2	A-4
IC20	D-3	TP3	A-4
		TP4	B-4
L1	A-1	TP5	B-4
L2	C-1	TP6	B-4
L3	A-1	TP7	B-4
L4	D-1	TP8	B-2
		TP9	C-2
Q1	A-3	TP10	C-2
Q2	A-4	TP11	A-1
Q3	A-4	TP12	A-1
Q4	B-3		
Q5	B-4	X1	D-4

SG-141 BOARD


IF-213 1-A9 CN1 A4 TEST ON/OFF
CN-262 3-1 CN1 A13 INCOM1 MIC +IN
CN-262 3-2 CN1 B13 INCOM1 MIC -IN
B12 INCOM1 SHEELD
CN-262 7-B7 CN1 B10 MIC 1 ON/OFF
S1 INCOM1 MIC
S2 INCOM2 MIC
CN-262 3-4 CN1 A14 INCOM2 MIC +IN
CN-262 3-5 CN1 B14 INCOM2 MIC -IN
A15 INCOM2 SHEELD
CN-262 7-A7 CN1 A11 MIC 2 ON/OFF
CN-262 7-B5 CN1 B16 INCOM 1 LEVEL OUT
CN-262 7-A5 CN1 A17 INCOM 2 LEVEL OUT
CN-262 7-A6 CN1 B11 TRACKER ON/OFF
CN-262 7-B6 CN1 A12 PGM MIX ON/OFF
CN1 B17 INCOM LEVEL GND
CN1 A21 +5V IN
B21 +5V IN
A25 +9V IN
B24 +9V IN
A25 GND
B25 GND
A20 -5V IN
B20 -5V IN
CN1 A24 +9V IN
B24 +9V IN
CN1 A24 +9V IN
B24 +9V IN
A25 GND
B25 GND
A20 -5V IN
B20 -5V IN
CN37 COMMAND
(MB-206)
CN1 A18 CCU COMMAND IN
CN1 B18 CCU COMMAND GND
CN1 A25 GND
B25 GND
CN1 A20 -5V IN
B20 -5V IN
IV-22 CN1
1-A1 A1 CABLE COMP 2⁰
1-B1 B1 CABLE COMP 2¹
1-A2 A2 CABLE COMP 2²
RV1: INCOM1 AGC
RV8: INCOM1 GAIN-1
RV2: INCOM1 SIDE
RV3: INCOM2 AGC
RV9: INCOM2 GAIN-1
RV4: INCOM2 SIDE
RV5: PGM MIX
RV6: CCU INCOM1 GAIN
RV7: CCU INCOM2 GAIN
RV10: INCOME1 BUZZ CANCEL
RV11: INCOME2 BUZZ CANCEL
IC19 10, 11PIN
X1 13.5 MHz
CN1 CHU INCOM1 OUT B15 1-B16
CHU INCOM2 OUT A16 1-A17 VDA-14
CN1 CHU SYNC OUT B19 1-B19 VDA-14
TP11 R7 100
CN1 CLP OUT B23 1-B23 AB-13, VA-73, VDA-14, IV-22
P BLK OUT B22 1-B22 AB-13, VA-73, VDA-14, IV-22, CN-262
TEST PULS A9 7-A13
PGM MIX ON/OFF A12 7-B6
V-CLP OUT B8 7-B13 CN-262
TP12 R13 100
CN1 HT-TRIGER A10 1-B13 PS-186
H-PHASE A3 1-A27 IF-213
+H-DEF-P OUT A6 1-B22 DF-46
-H-DEF-P OUT B6 1-A22 DF-46
ADDRESS CLEAR B4 1-B27 IF-213
V-OS P OUT B7 1-A21 DF-46
V-OS OUT A23 1-A23 AB-13, VA-73, VDA-14, IV-22
V-DEF P OUT A7 1-B21 DF-46
V-PHASE B3 1-B26 IF-213
FOCUS-SAMPLE-P OUT B5 1-B20 DF-46
CN1 IF COMMAND IN B2 1-B28 IF-213
CHU COMMAND OUT A19 1-A19 VDA-14
CN1 CCU COMMAND A5 1-A28 IF-213

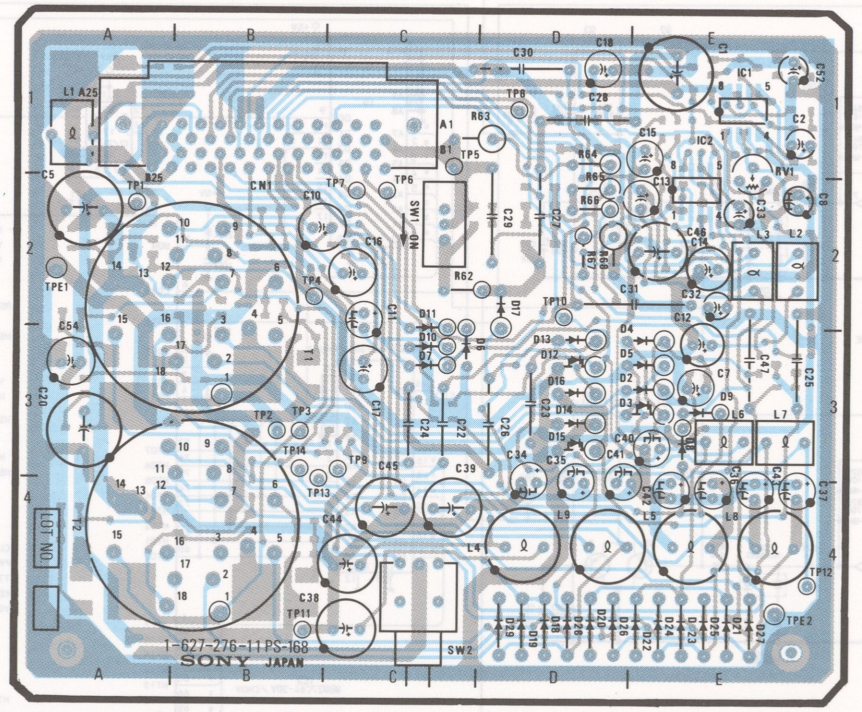
※ NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	C76	0.01 → 2200P	10101-
	C79 C82	470P → 2200P	
	R54 R83	100 → 0 100 → 0	
	R87 R89	8200 → 5600	
*2	IC14	TC4053BFHB → MC14053FB	10401-

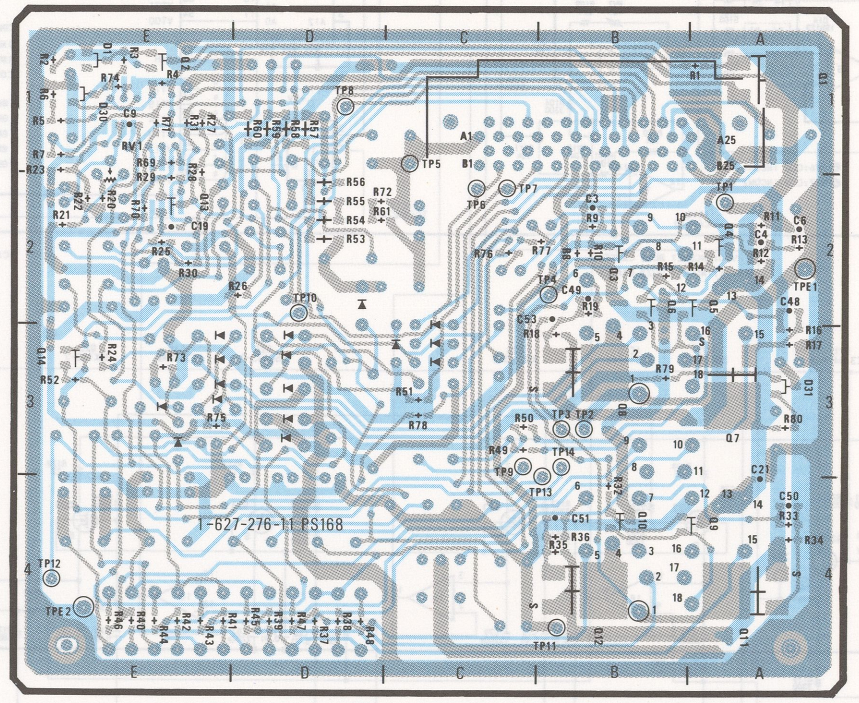
SG-141 BOARD

PS-168 BOARD

Serial No. 10101 – 10120



1-627-276-11 COMPONENT SIDE



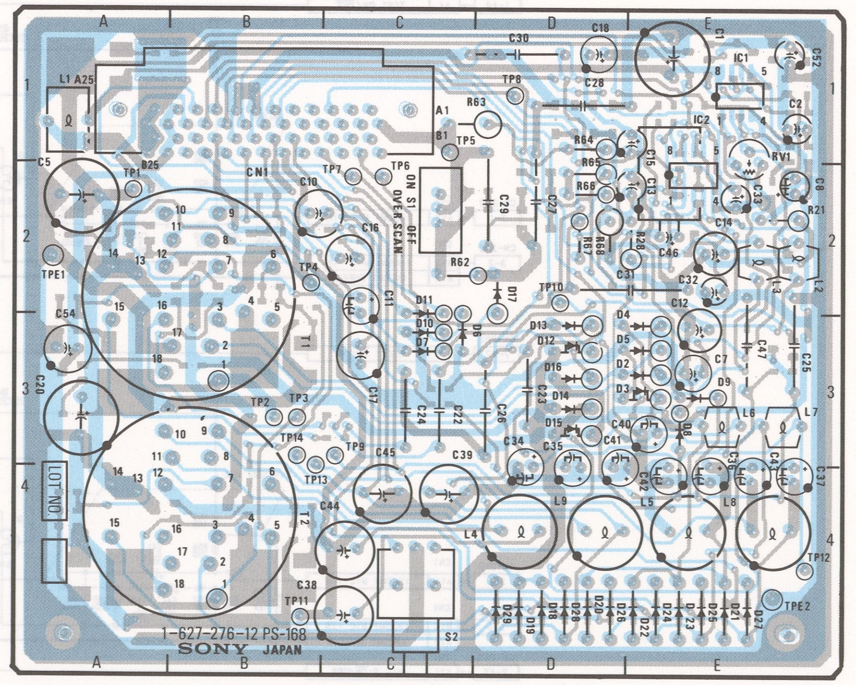
1-627-276-11 SOLDERING SID

PS-168 1-627-276-11

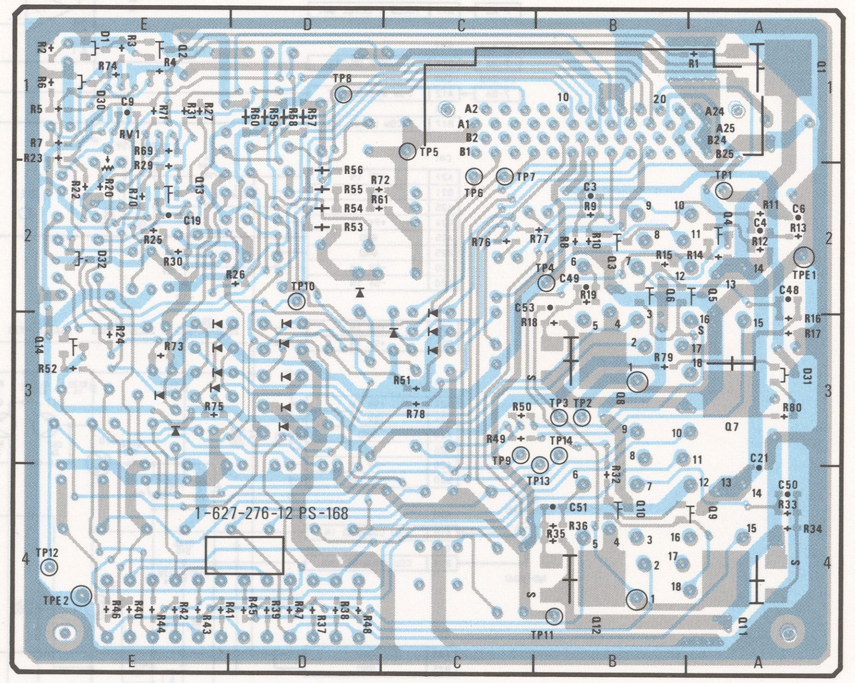
CN1	B-2	Q10	B-4
		Q11	A-4
D2	E-3	Q12	B-4
D3	E-3	Q13	E-2
D4	E-3	Q14	E-3
D5	E-3		
D6	C-3	RV1	E-1
D7	C-3		
D8	E-3	SW1	C-4
D9	E-3	SW2	C-2
D10	C-3		
D11	C-2	T2	A-4
D12	D-3		
D13	D-3	TP1	A-2
D14	D-3	TP2	B-3
D15	D-3	TP3	B-3
D16	D-3	TP4	B-2
D17	D-2	TP5	C-1
D18	D-4	TP6	C-2
D19	D-4	TP7	C-2
D20	D-4	TP8	D-1
D21	E-4	TP9	C-3
D22	E-4	TP10	D-2
D23	E-4	TP11	B-4
D24	E-4	TP12	E-4
D25	E-4	TP13	B-4
D26	D-4	TP14	B-3
D27	E-4		
D28	D-4	TPE1	A-2
D29	D-4	TPE2	E-4
D30	E-1		
D31	A-3		
IC1	E-1		
IC2	E-1		
L1	A-1		
L2	E-2		
L3	E-2		
L4	C-4		
L5	E-4		
L6	E-3		
L7	E-3		
L8	E-4		
L9	D-4		
Q1	A-1		
Q2	E-1		
Q3	B-2		
Q4	A-2		
Q5	A-2		
Q6	B-2		
Q7	A-3		
Q8	B-3		
Q9	A-4		

PS-168 BOARD

Serial No. 10201 –



1-627-276-12 COMPONENT SIDE

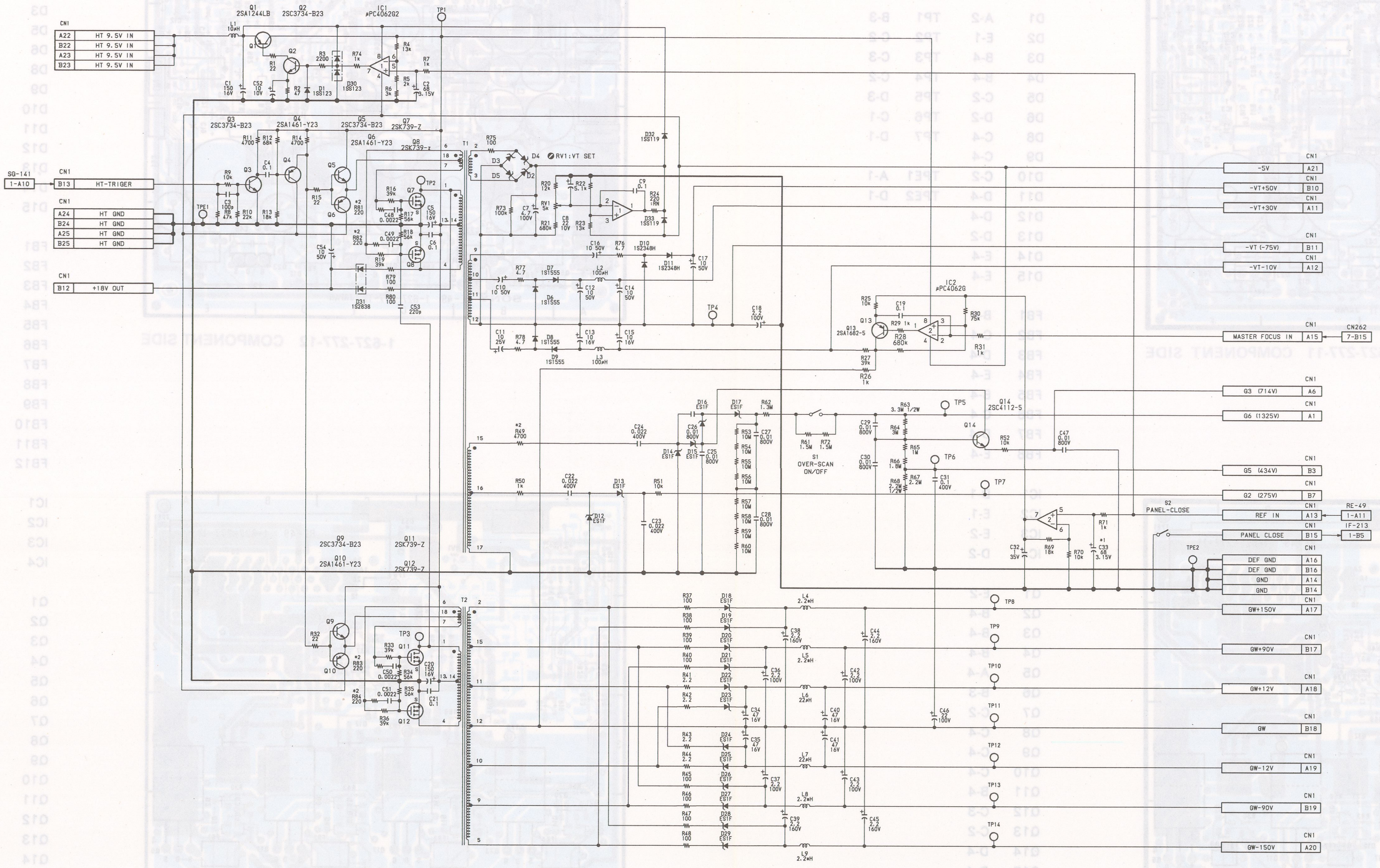


1-627-276-12 SOLDERING SIDE

PS-168 1-627-276-12

CN1	B-1	Q8	B-3
		Q9	A-4
D1	E-1	Q10	B-4
D2	E-3	Q11	A-4
D3	E-3	Q12	B-4
D4	E-3	Q13	E-2
D5	E-3	Q14	E-3
D6	C-2		
D7	C-3	RV1	E-1
D8	E-3		
D9	E-3	S1	C-2
D10	C-3	S2	C-4
D11	C-2		
D12	D-3	T1	B-3
D13	D-3	T2	B-4
D14	D-3		
D15	D-3	TP1	A-2
D16	D-3	TP2	B-3
D17	D-2	TP3	B-3
D18	D-4	TP4	B-2
D19	D-4	TP5	C-1
D20	D-4	TP6	C-2
D21	E-4	TP7	C-2
D22	E-4	TP8	D-1
D23	E-4	TP9	C-3
D24	E-4	TP10	D-2
D25	E-4	TP11	B-4
D26	D-4	TP12	E-4
D27	E-4	TP13	B-3
D28	D-4	TP14	B-3
D29	D-4		
D30	E-1	TPE1	A-2
D31	A-3	TPE2	E-4
D32	E-2		
IC1	E-1		
IC2	E-2		
L1	A-1		
L2	E-2		
L3	E-2		
L4	D-4		
L5	E-4		
L6	E-3		
L7	E-3		
L8	E-4		
L9	D-4		
Q1	A-1		
Q2	E-1		
Q3	B-2		
Q4	A-2		
Q5	A-2		
Q6	B-2		
Q7	A-3		

PS-168 BOARD


CN1
A22 HT 9.5V IN
B22 HT 9.5V IN
A23 HT 9.5V IN
B23 HT 9.5V IN
SG-141 1-A10
B13 HT-TRIGER
A24 HT GND
B24 HT GND
A25 HT GND
B25 HT GND
B12 +18V OUT
Q1 2SA1244LB
Q2 2SC3734-B23
IC1 μPC4062G2
TP1
Q3 2SC3734-B23
Q4 2SA1461-Y23
Q5 2SC3734-B23
Q6 2SA1461-Y23
Q7 2SK739-Z
Q8 2SK739-Z
T1
RV1:VT SET
TP2
TPE1
TP4
IC2 μPC4062G
Q13 2SA1682-S
Q14 2SC4112-S
TP5
TP6
TP7
S1 OVER-SCAN ON/OFF
S2 PANEL-CLOSE
TPE2
Q9 2SC3734-B23
Q10 2SA1461-Y23
Q11 2SK739-Z
Q12 2SK739-Z
TP3
T2
TP8
TP9
TP10
TP11
TP12
TP13
TP14
-5V A21
-VT+50V B10
-VT+30V A11
-VT(-75V) B11
-VT-10V A12
MASTER FOCUS IN A15
CN262 7-B15
G3 (714V) A6
G6 (1325V) A1
G5 (434V) B3
G2 (275V) B7
REF IN A13
RE-49 1-A11
PANEL CLOSE B15
IF-213 1-B5
DEF GND A16
DEF GND B16
GND A14
GND B14
GW+150V A17
GW+90V B17
GW+12V A18
GW B18
GW-12V A19
GW-90V B19
GW-150V A20

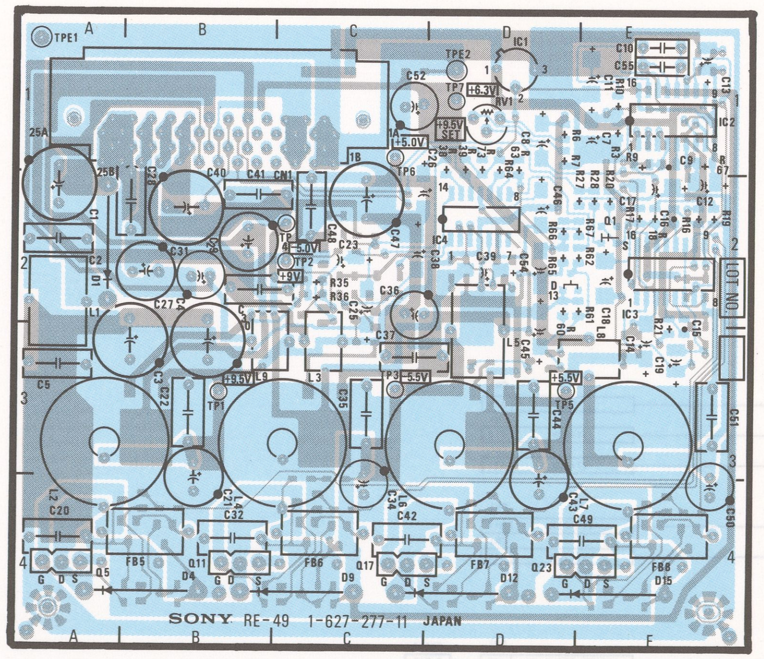
*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	C33	1 35V → 68 3.15V	10101-
*2	R49	3300 → 4700	10401-
	R81 R82 R83 R84	ADD	

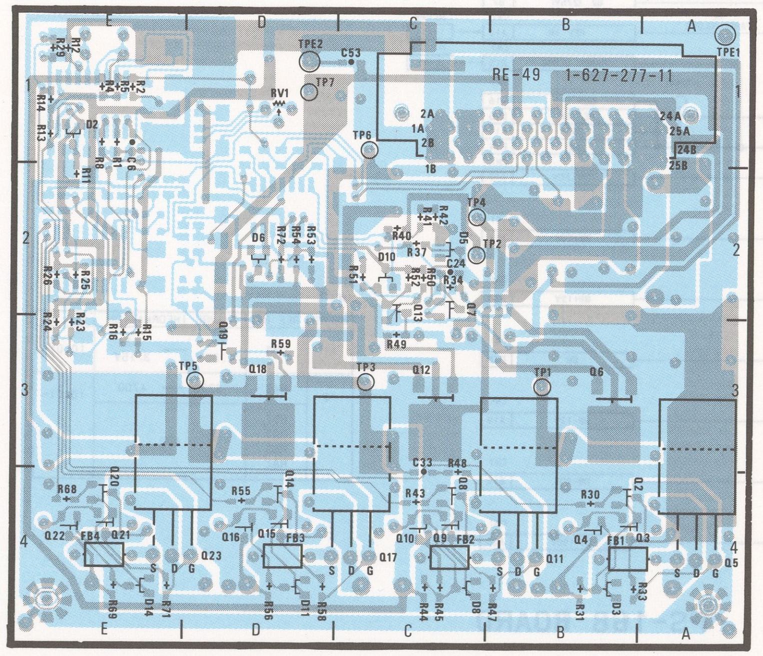
PS-168 BOARD

RE-49 BOARD

Serial No. 10001 – 10120


TPE1
A
B
C
D
E
IC1
IC2
TPE2
TP7
RV1
CN1
SONY RE-49 1-627-277-11 JAPAN

1-627-277-11 COMPONENT SIDE


E
D
C
B
A
TPE2
TPE1
TP7
RV1
RE-49 1-627-277-11

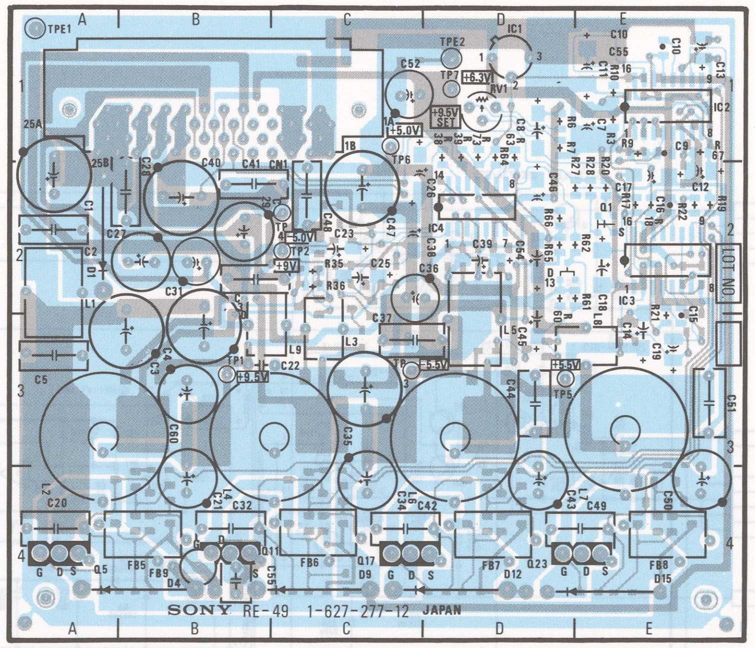
1-627-277-11 SOLDERING SIDE

RE-49 1-627-277-11

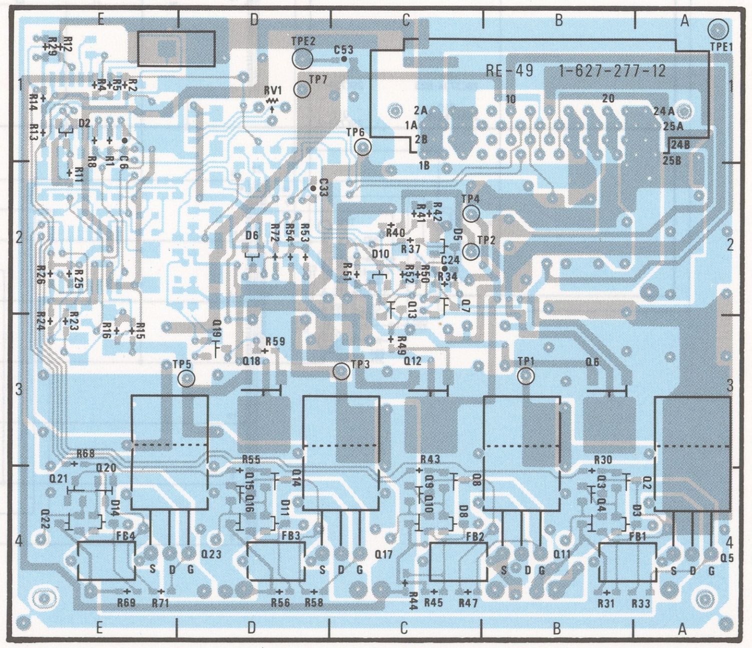
CN1	B-1	RV1	D-1
D1	A-2	TP1	B-3
D2	E-1	TP2	C-2
D3	B-4	TP3	C-3
D4	B-4	TP4	C-2
D5	C-2	TP5	D-3
D6	D-2	TP6	C-1
D8	C-4	TP7	D-1
D9	C-4		
D10	C-2	TPE1	A-1
D11	D-4	TPE2	D-1
D12	D-4		
D13	D-2		
D14	E-4		
D15	E-4		
FB1	B-4		
FB2	C-4		
FB3	D-4		
FB4	E-4		
FB5	B-4		
FB6	C-4		
FB7	D-4		
FB8	E-4		
IC1	D-1		
IC2	E-1		
IC3	E-2		
IC4	D-2		
Q1	E-2		
Q2	B-4		
Q3	B-4		
Q4	B-4		
Q5	A-4		
Q6	B-3		
Q7	C-2		
Q8	C-4		
Q9	C-4		
Q10	C-4		
Q11	B-4		
Q12	C-3		
Q13	C-2		
Q14	D-4		
Q15	D-4		
Q16	D-4		
Q17	C-4		
Q18	D-3		
Q19	D-3		
Q20	E-4		
Q21	E-4		
Q22	E-4		
Q23	D-4		

RE-49 BOARD

Serial No. 10201 – 10310


TPE1
A
B
C
D
E
IC1
IC2
TPE2
TP7
RV1
CN1
SONY RE-49 1-627-277-12 JAPAN

1-627-277-12 COMPONENT SIDE


E
D
C
B
A
TPE2
TPE1
TP7
RV1
RE-49 1-627-277-12

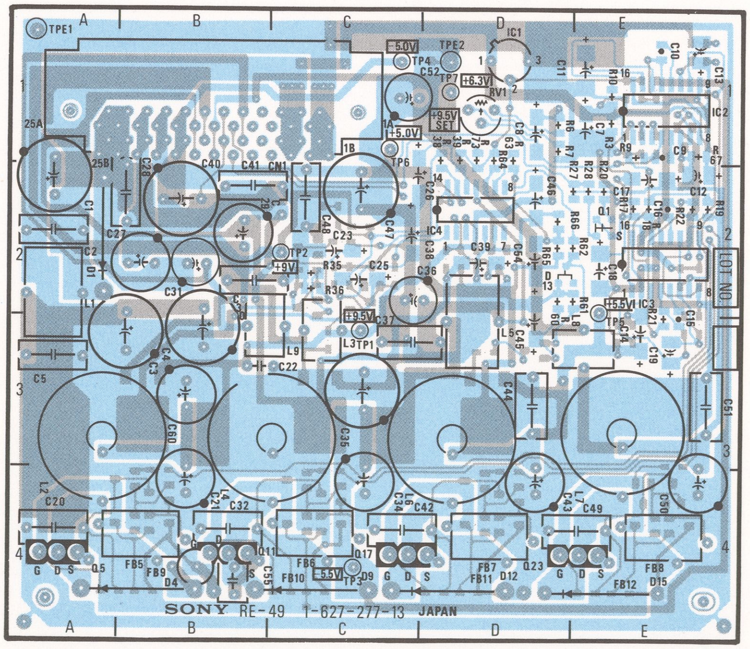
1-627-277-12 SOLDERING SIDE

RE-49 1-627-277-12

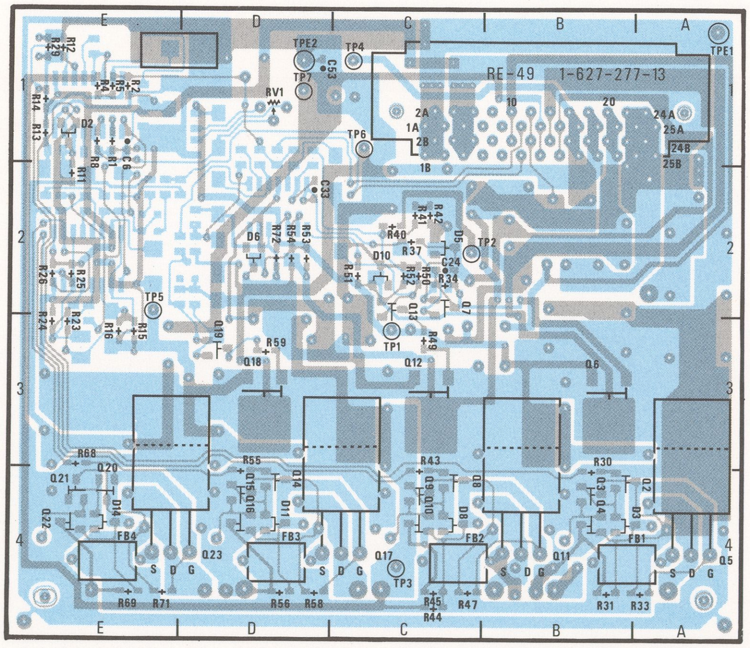
D1	A-2		
D2	E-1	RV1	D-1
D3	B-4		
D5	C-2	TPE1	A-1
D6	D-2	TPE2	D-1
D8	C-4		
D9	C-4	TP1	B-3
D10	C-2	TP2	C-2
D11	D-4	TP3	C-3
D12	D-4	TP4	C-2
D13	D-2	TP5	D-3
D14	E-4	TP6	C-1
D15	E-4	TP7	D-1
FB1	B-4		
FB2	C-4		
FB3	D-4		
FB4	E-4		
FB5	B-4		
FB6	C-4		
FB7	D-4		
FB8	E-4		
FB9	B-4		
FB10	C-4		
FB11	D-4		
FB12	E-4		
IC1	D-1		
IC2	E-1		
IC3	E-2		
IC4	D-2		
Q1	E-2		
Q2	A-4		
Q3	A-4		
Q4	B-4		
Q5	A-4		
Q6	B-3		
Q7	C-2		
Q8	C-4		
Q9	C-4		
Q10	C-4		
Q11	B-4		
Q12	C-3		
Q13	C-2		
Q14	D-4		
Q15	D-4		
Q16	D-4		
Q17	C-4		
Q18	D-3		
Q19	D-3		
Q20	E-4		
Q21	E-4		
Q22	E-4		
Q23	D-4		

RE-49 BOARD

Serial No. 10401 –


TPE1
TPE2
TP4
TP7
TP6
IC1
IC2
IC3
IC4
RV1
+5.0V
-5.0V
+6.3V
+9.5V SET
+9V
+9.5V
+5.5V
5.5V
LOT NO.
SONY RE-49 1-627-277-13 JAPAN
A
B
C
D
E
1
2
3
4

1-627-277-13 COMPONENT SIDE

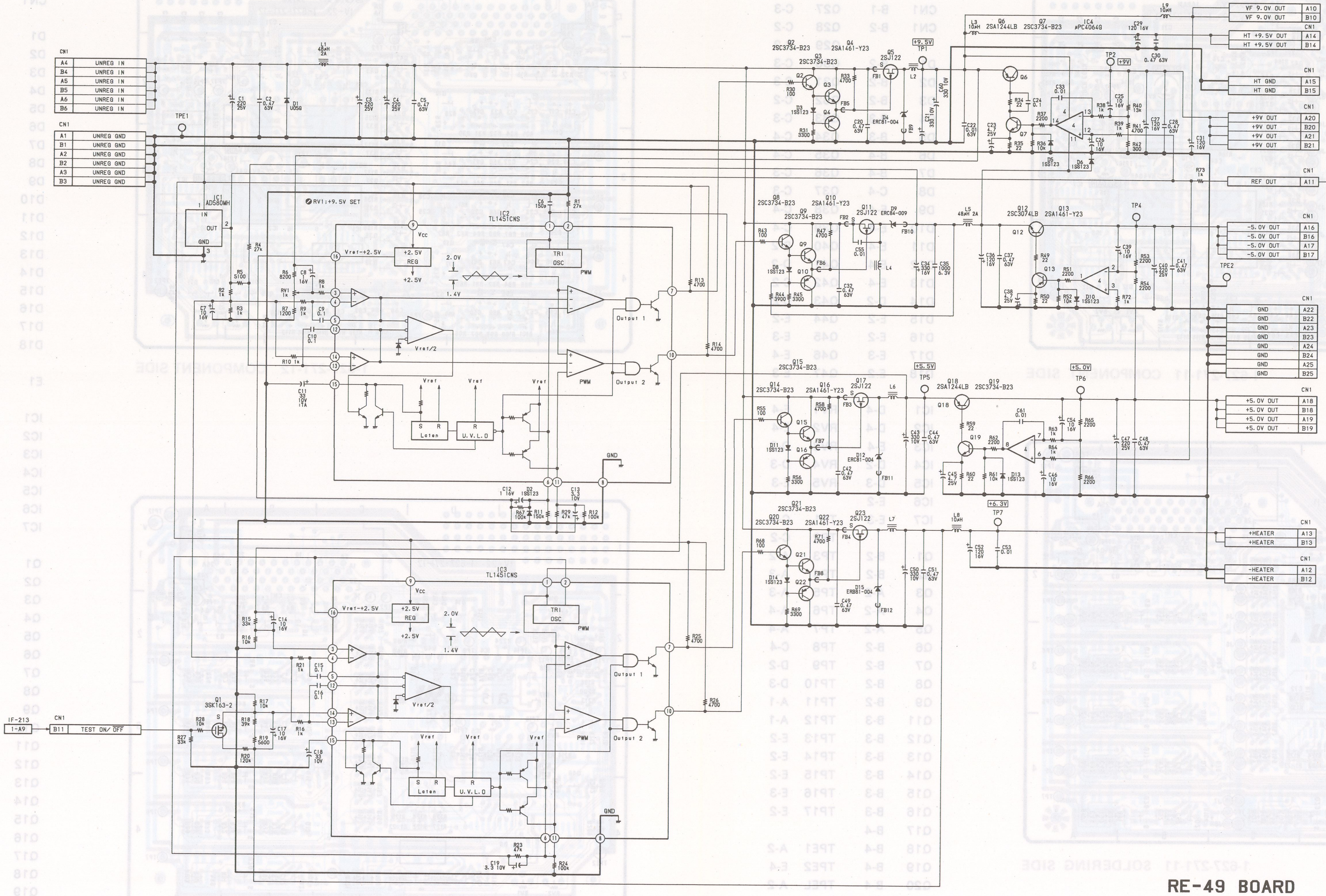

RE-49 1-627-277-13
TPE1
TPE2
TP4
TP7
TP6
TP5
TP2
TP1
TP3
RV1
E
D
C
B
A
1
2
3
4

1-627-277-13 SOLDERING SIDE

RE-49 1-627-277-13

D1	A-2
D2	E-1
D3	B-4
D5	C-2
D6	D-2
D8	C-4
D9	C-4
D10	C-2
D11	D-4
D12	D-4
D13	D-2
D14	E-4
D15	E-4
FB1	B-4
FB2	C-4
FB3	D-4
FB4	E-4
FB5	B-4
FB6	C-4
FB7	D-4
FB8	E-4
FB9	B-4
FB10	C-4
FB11	D-4
FB12	E-4
IC1	D-1
IC2	E-1
IC3	E-2
IC4	D-2
Q1	E-2
Q2	A-4
Q3	A-4
Q4	B-4
Q5	A-4
Q6	B-3
Q7	C-2
Q8	C-4
Q9	C-4
Q10	C-4
Q11	B-4
Q12	C-3
Q13	C-2
Q14	D-4
Q15	D-4
Q16	D-4
Q17	C-4
Q18	D-3
Q19	D-3
Q20	E-4
Q21	E-4
Q22	E-4
Q23	D-4
RV1	D-1
TPE1	A-1
TPE2	D-1
TP1	C-3
TP2	C-2
TP3	C-4
TP4	C-1
TP5	E-2
TP6	C-1
TP7	D-1

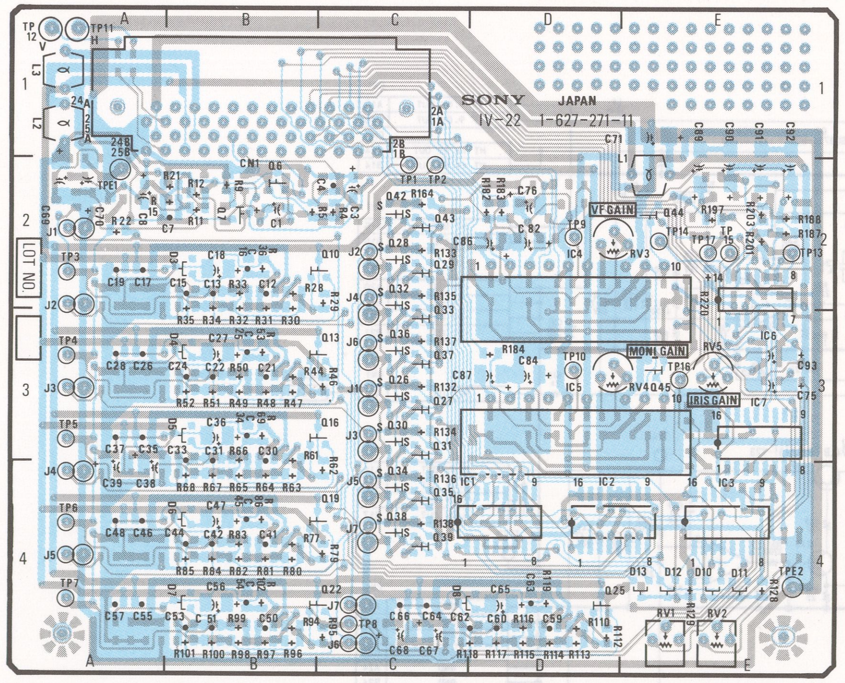
RE-49 BOARD


CN1
A4 UNREG IN
B4 UNREG IN
A5 UNREG IN
B5 UNREG IN
A6 UNREG IN
B6 UNREG IN
A1 UNREG GND
B1 UNREG GND
A2 UNREG GND
B2 UNREG GND
A3 UNREG GND
B3 UNREG GND
TPE1
IC1 AD580MH
IN
OUT
GND
RV1:+9.5V SET
IC2 TL1451CNS
IC3 TL1451CNS
Vref=+2.5V
+2.5V REG
+2.5V
Vcc
TRI OSC
PWM
2.0V
1.4V
Vref/2
Vref
Output 1
Output 2
S R Laten
R U.V.L.O
GND
Q1 3SK163-2
IF-213 1-A9
B11 TEST ON/OFF
L1 48μH 2A
D1 U05B
Q2 2SC3734-B23
Q3 2SC3734-B23
Q4 2SA1461-Y23
Q5 2SJ122
+9.5V TP1
L2
Q6 2SA1244LB
Q7 2SC3734-B23
IC4 μPC4064G
L3 10μH
L9 10μH
TP2 +9V
Q8 2SC3734-B23
Q9 2SC3734-B23
Q10 2SA1461-Y23
Q11 2SJ122
L5 48μH 2A
Q12 2SC3074LB
Q13 2SA1461-Y23
TP4
TPE2
Q14 2SC3734-B23
Q15 2SC3734-B23
Q16 2SA1461-Y23
Q17 2SJ122
+5.0V TP5
L6
Q18 2SA1244LB
Q19 2SC3734-B23
+5.0V TP6
Q20 2SC3734-B23
Q21 2SC3734-B23
Q22 2SA1461-Y23
Q23 2SJ122
L7
L8 10μH
+6.3V TP7
VF 9.0V OUT A10
VF 9.0V OUT B10
HT +9.5V OUT A14
HT +9.5V OUT B14
HT GND A15
HT GND B15
+9V OUT A20
+9V OUT B20
+9V OUT A21
+9V OUT B21
REF OUT A11
PS-168 1-A13
-5.0V OUT A16
-5.0V OUT B16
-5.0V OUT A17
-5.0V OUT B17
GND A22
GND B22
GND A23
GND B23
GND A24
GND B24
GND A25
GND B25
+5.0V OUT A18
+5.0V OUT B18
+5.0V OUT A19
+5.0V OUT B19
+HEATER A13
+HEATER B13
-HEATER A12
-HEATER B12

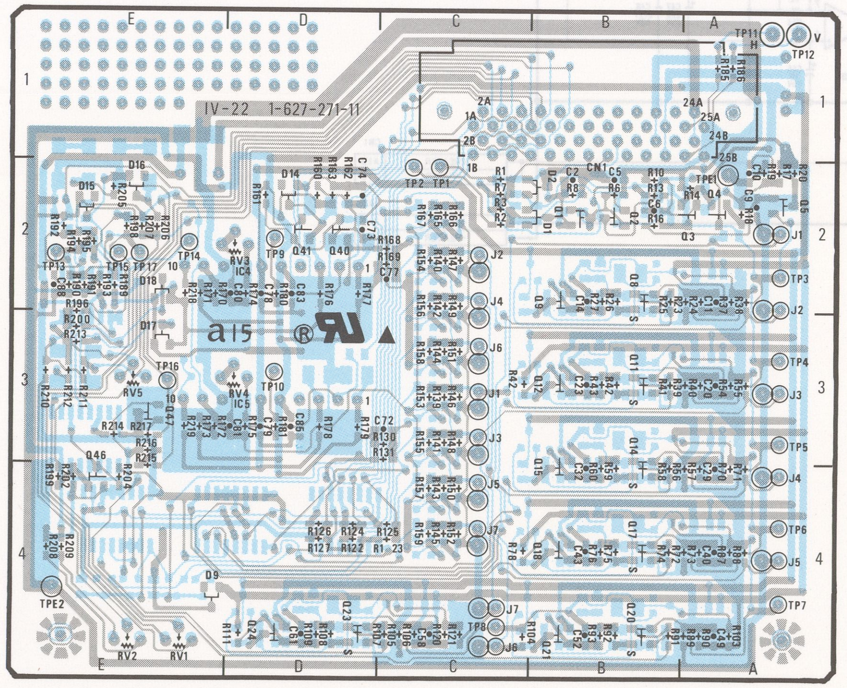
RE-49 BOARD

IV-22 BOARD

Serial No. 10001 – 10120


SONY
JAPAN
IV-22 1-627-271-11
LOT NO.
VF GAIN
MON GAIN
IRIS GAIN
A
B
C
D
E
1
2
3
4

1-627-271-11 COMPONENT SIDE


IV-22 1-627-271-11
a15
E
D
C
B
A
1
2
3
4

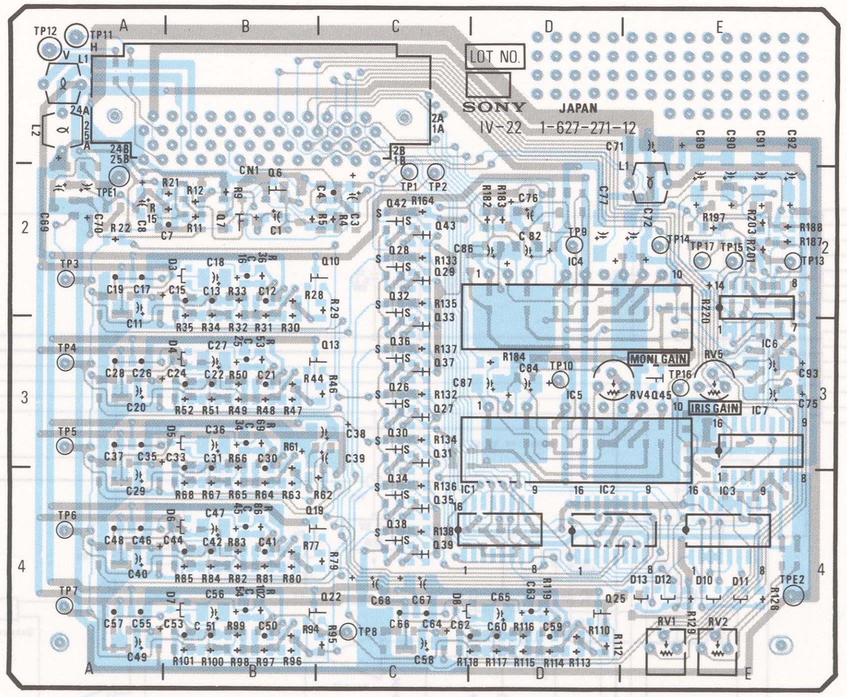
1-627-271-11 SOLDERING SIDE

IV-22 1-627-271-11

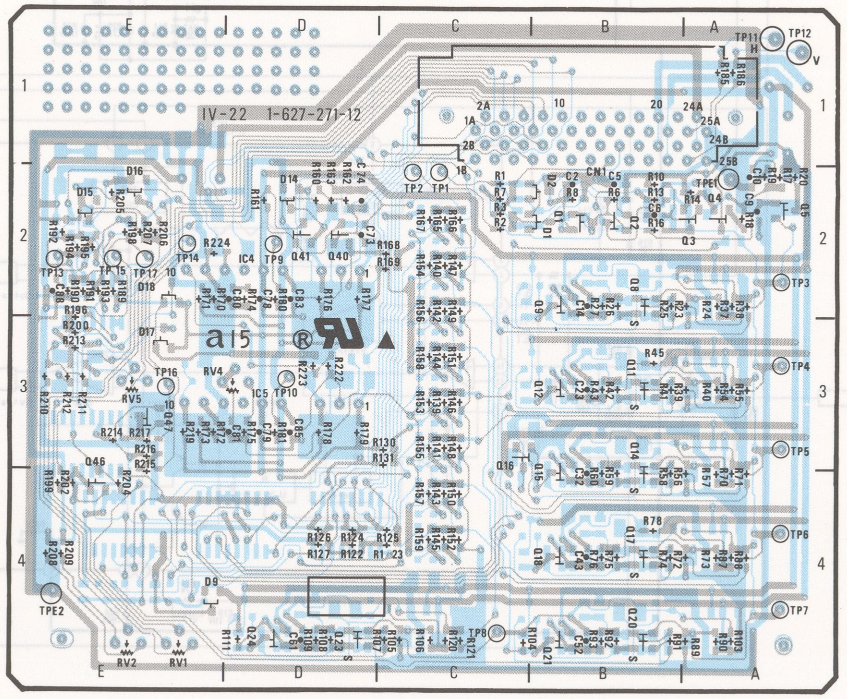
CN1	B-1	Q27	C-3
CN1	B-2	Q28	C-2
		Q29	C-2
D1	B-2	Q30	C-3
D2	B-2	Q31	C-3
D3	B-2	Q32	C-2
D4	B-3	Q33	C-3
D5	B-3	Q34	C-4
D6	B-4	Q35	C-4
D7	B-4	Q36	C-3
D8	C-4	Q37	C-3
D9	E-4	Q38	C-4
D10	E-4	Q39	C-4
D11	E-4	Q40	D-2
D12	E-4	Q41	D-2
D13	E-4	Q42	C-2
D14	D-2	Q43	C-2
D15	E-2	Q44	E-2
D16	E-2	Q45	E-3
D17	E-3	Q46	E-4
D18	E-2	Q47	E-3
IC1	D-4	RV1	E-4
IC2	D-4	RV2	E-4
IC3	E-4	RV3	D-2
IC4	D-2	RV4	D-3
IC5	D-3	RV5	E-3
IC6	E-2		
IC7	E-3	TP1	C-2
		TP2	C-2
Q1	B-2	TP3	A-2
Q2	B-2	TP4	A-3
Q3	A-2	TP5	A-3
Q4	A-2	TP6	A-4
Q5	A-2	TP7	A-4
Q6	B-2	TP8	C-4
Q7	B-2	TP9	D-2
Q8	B-2	TP10	D-3
Q9	B-2	TP11	A-1
Q11	B-3	TP12	A-1
Q12	B-3	TP13	E-2
Q13	B-3	TP14	E-2
Q14	B-3	TP15	E-2
Q15	B-3	TP16	E-3
Q16	B-3	TP17	E-2
Q17	B-4		
Q18	B-4	TPE1	A-2
Q19	B-4	TPE2	E-4
Q20	B-4	TPEL	A-2
Q21	B-4		
Q22	B-4		
Q23	D-4		
Q24	D-4		
Q25	D-4		
Q26	C-3		

IV-22 BOARD

Serial No. 10201 – 10310


SONY
JAPAN
IV-22 1-627-271-12
LOT NO.
MON GAIN
IRIS GAIN
A
B
C
D
E
1
2
3
4

1-627-271-12 COMPONENT SIDE


IV-22 1-627-271-12
a15
E
D
C
B
A
1
2
3
4

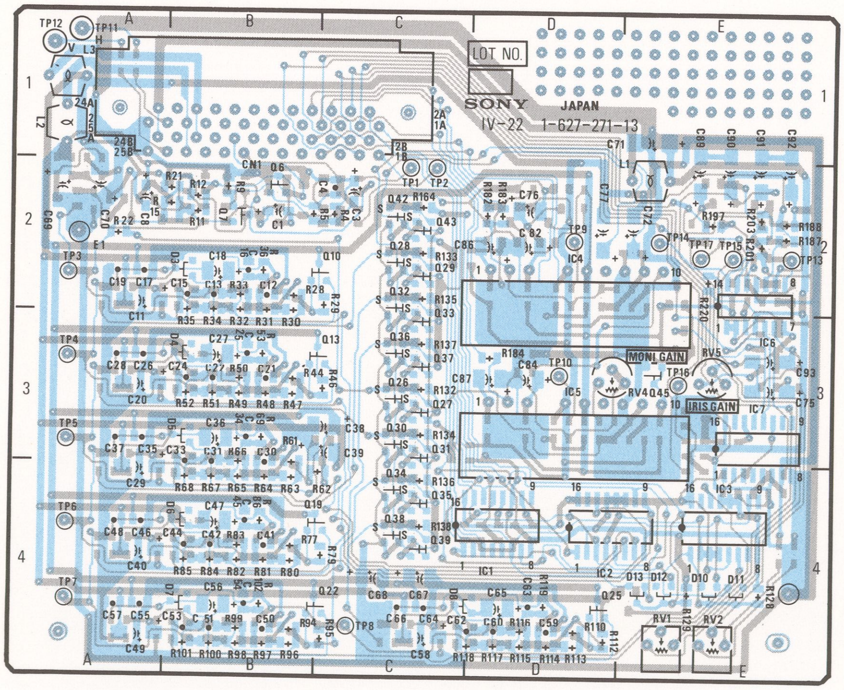
1-627-271-12 SOLDERING SIDE

IV-22 1-627-271-12

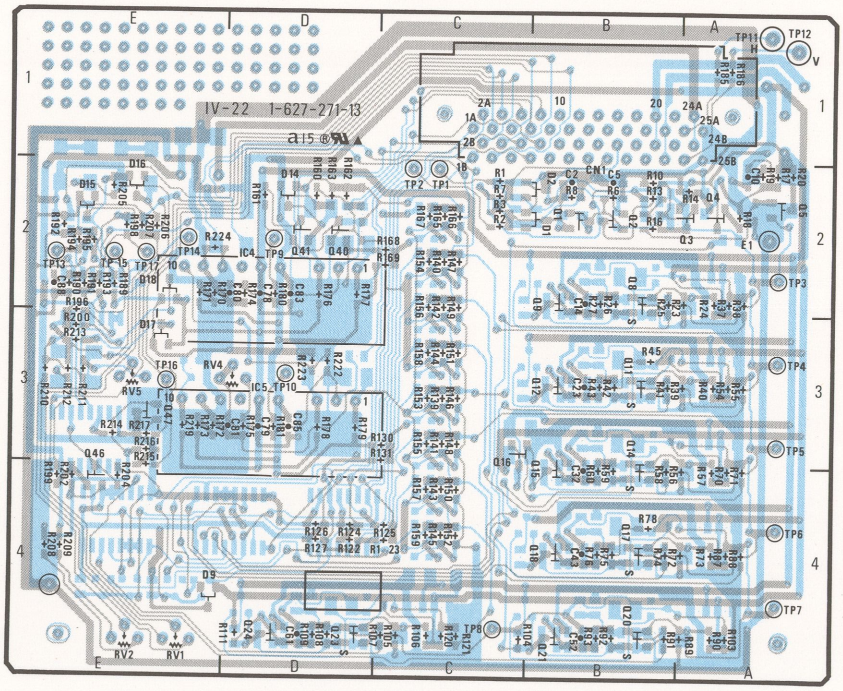
CN1	B-2	Q25	D-4
		Q26	C-3
D1	B-2	Q27	C-3
D2	B-2	Q28	C-2
D3	B-2	Q29	C-2
D4	B-3	Q30	C-3
D5	B-3	Q31	C-3
D6	B-4	Q32	C-2
D7	B-4	Q33	C-3
D8	C-4	Q34	C-4
D9	E-4	Q35	C-4
D10	E-4	Q36	C-3
D11	E-4	Q37	C-3
D12	E-4	Q38	C-4
D13	E-4	Q39	C-4
D14	D-2	Q40	D-2
D15	E-2	Q41	D-2
D16	E-2	Q42	C-2
D17	E-3	Q43	C-2
D18	E-2	Q45	E-3
		Q46	E-3
E1	A-2	Q47	E-3
IC1	D-4	RV1	E-4
IC2	D-4	RV2	E-4
IC3	E-4	RV4	E-3
IC4	D-2	RV5	E-3
IC5	D-3		
IC6	E-3	TP1	C-2
IC7	E-3	TP2	C-2
		TP3	A-2
Q1	B-2	TP4	A-3
Q2	B-2	TP5	A-3
Q3	A-2	TP6	A-4
Q4	A-2	TP7	A-4
Q5	A-2	TP8	C-4
Q6	B-2	TP9	D-2
Q7	B-2	TP10	D-3
Q8	B-2	TP11	A-1
Q9	B-2	TP12	A-1
Q10	C-2	TP13	E-2
Q11	B-3	TP14	E-2
Q12	B-3	TP15	E-2
Q13	C-3	TP16	E-3
Q14	B-3	TP17	C-2
Q15	B-4		
Q16	C-3		
Q17	B-4		
Q18	B-4		
Q19	C-4		
Q20	B-4		
Q21	B-4		
Q22	C-4		
Q23	D-4		
Q24	D-4		

IV-22 BOARD

Serial No. 10401 –


LOT NO.
SONY
JAPAN
IV-22 1-627-271-13
MONI GAIN
IRIS GAIN
CN1
IC1
IC2
IC3
IC4
IC5
IC6
IC7
RV1
RV2
RV4
RV5

1-627-271-13 COMPONENT SIDE

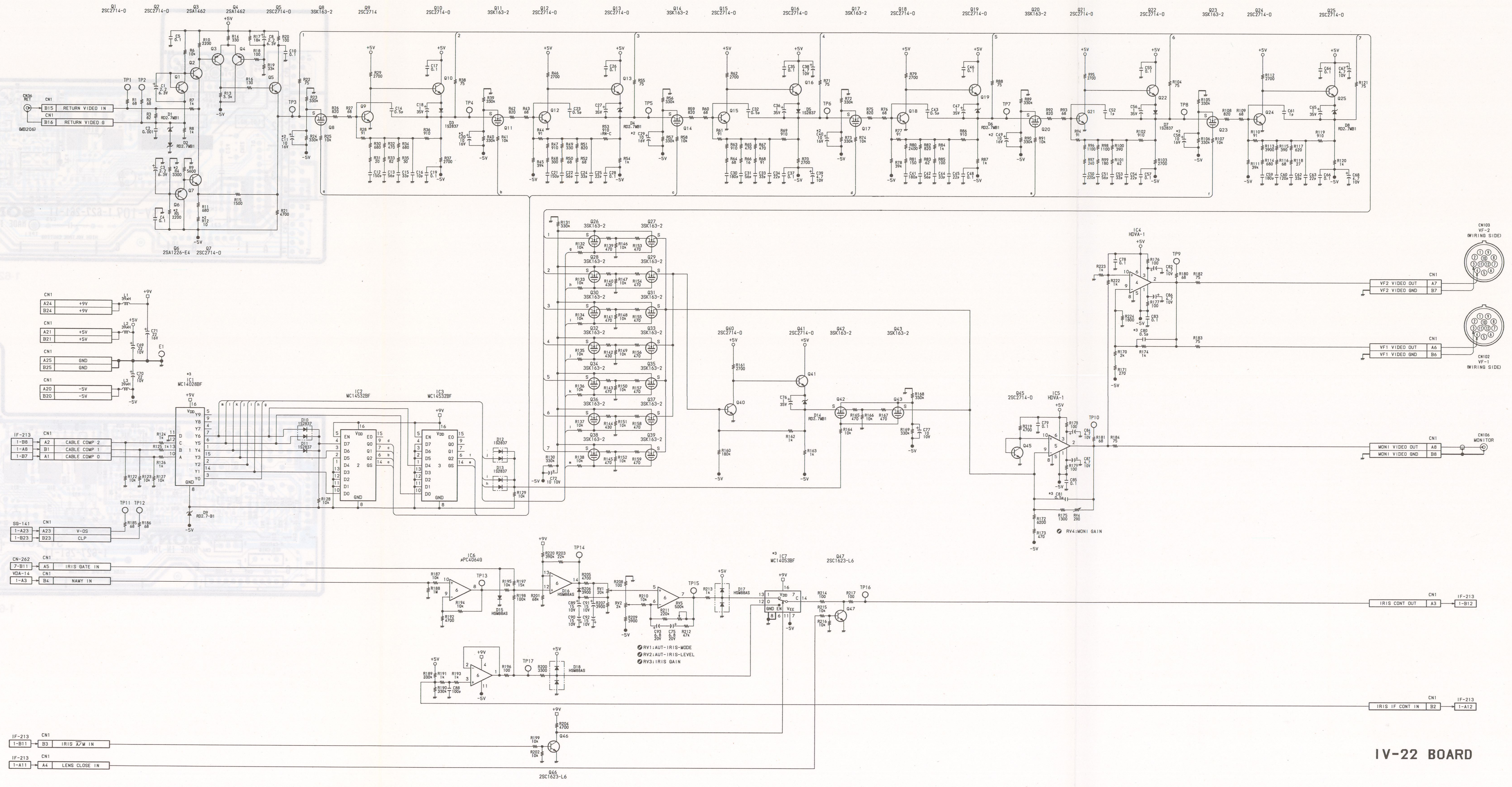

IV-22 1-627-271-13
CN1
IC4
IC5
RV1
RV2
RV4
RV5

1-627-271-13 SOLDERING SIDE

IV-22 1-627-271-13

CN1	B-2
D1	B-2
D2	B-2
D3	B-2
D4	B-3
D5	B-3
D6	B-4
D7	B-4
D8	C-4
D9	E-4
D10	E-4
D11	E-4
D12	E-4
D13	E-4
D14	D-2
D15	E-2
D16	E-2
D17	E-3
D18	E-2
E1	A-2
IC1	D-4
IC2	D-4
IC3	E-4
IC4	D-2
IC5	D-3
IC6	E-3
IC7	E-3
Q1	B-2
Q2	B-2
Q3	A-2
Q4	A-2
Q5	A-2
Q6	B-2
Q7	B-2
Q8	B-2
Q9	B-2
Q10	C-2
Q11	B-3
Q12	B-3
Q13	C-3
Q14	B-3
Q15	B-4
Q16	C-3
Q17	B-4
Q18	B-4
Q19	C-4
Q20	B-4
Q21	B-4
Q22	C-4
Q23	D-4
Q24	D-4
Q25	D-4
Q26	C-3
Q27	C-3
Q28	C-2
Q29	C-2
Q30	C-3
Q31	C-3
Q32	C-2
Q33	C-3
Q34	C-4
Q35	C-4
Q36	C-3
Q37	C-3
Q38	C-4
Q39	C-4
Q40	D-2
Q41	D-2
Q42	C-2
Q43	C-2
Q45	E-3
Q46	E-3
Q47	E-3
RV1	E-4
RV2	E-4
RV4	E-3
RV5	E-3
TP1	C-2
TP2	C-2
TP3	A-2
TP4	A-3
TP5	A-3
TP6	A-4
TP7	A-4
TP8	C-4
TP9	D-2
TP10	D-3
TP11	A-1
TP12	A-1
TP13	E-2
TP14	E-2
TP15	E-2
TP16	E-3
TP17	C-2

IV-22 BOARD

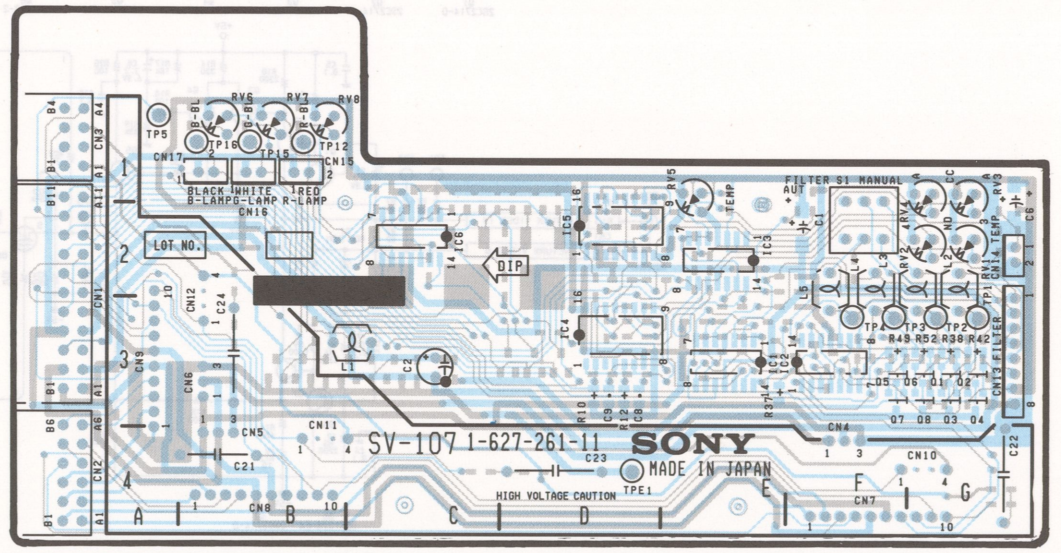

RETURN VIDEO IN
RETURN VIDEO G
CABLE COMP 2
CABLE COMP 1
CABLE COMP 0
V-DG
CLP
IRIS GATE IN
NAMY IN
IRIS A/M IN
LENS CLOSE IN
VF2 VIDEO OUT
VF2 VIDEO GND
VF1 VIDEO OUT
VF1 VIDEO GND
MONI VIDEO OUT
MONI VIDEO GND
IRIS CONT OUT
IRIS IF CONT IN
CN103 VF-2 (WIRING SIDE)
CN102 VF-1 (WIRING SIDE)
CN106 MONITOR
RV4:MONI GAIN
RV1:AUT-IRIS-MODE
RV2:AUT-IRIS-LEVEL
RV3:IRIS GAIN
IC1 MC14028BF
IC2 MC14532BF
IC3 MC14532BF
IC4 HDVA-1
IC5 HDVA-1
IC6 APC4066B
IC7 MC14053BF
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

IV-22 BOARD

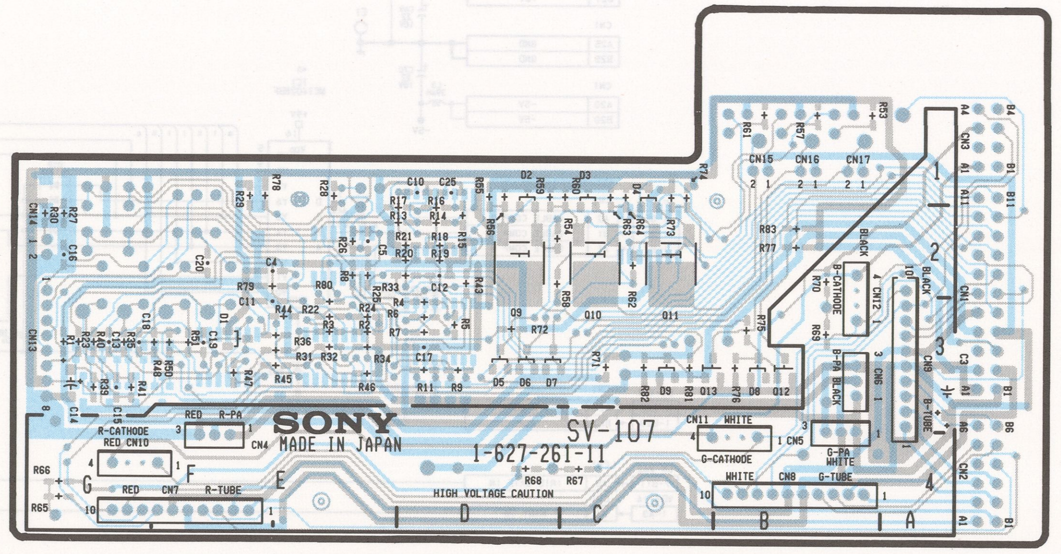
✱ NOTE

MARKE	REF NO.	CHANGE INFORMATION	SER NO.
*1	IC7	TC4053BF → TC4053BFHB	10101-
*2	C11, C20 C29, C40 C49, C58	0.1 → 10/16V	10201-
	R4	33K → 3300	
	R5	22K → 2200	
	R12	43 → 10	
*3	C80	1P → 0.5P	10401-
	C81	ADD	
	IC1	TC4028BF → MC14028BF	
	IC7	TC4053BFHB → MC14053BF	

SV-107 BOARD


SV-107 1-627-261-11
SONY
MADE IN JAPAN
HIGH VOLTAGE CAUTION
LOT NO.
BLACK WHITE RED
B-LAMP G-LAMP R-LAMP
FILTER S1 MANUAL AUTO
TPE1
A
B
C
D
E
F
G
1
2
3
4

1-627-261-11 COMPONENT SIDE

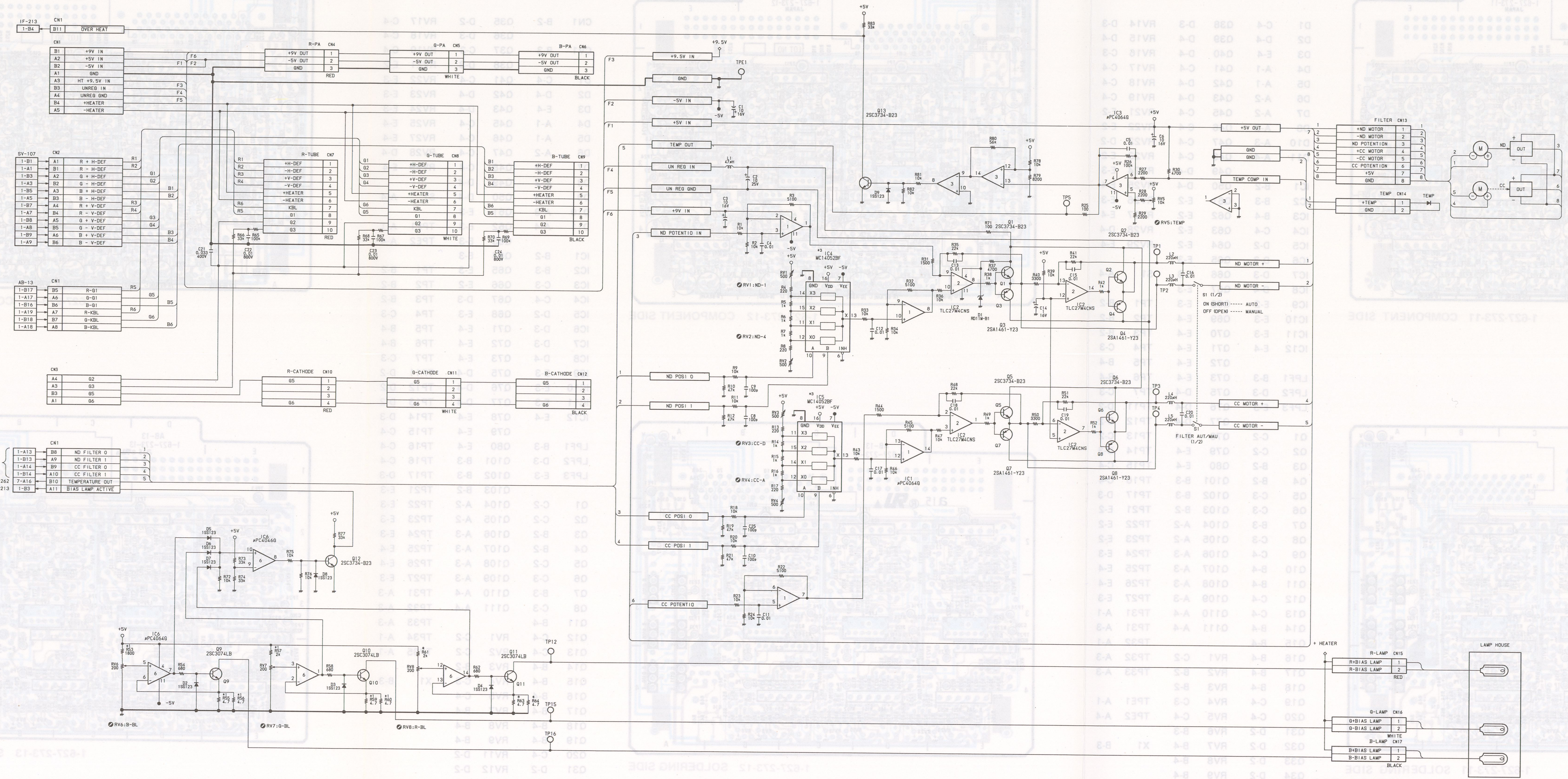

SONY
MADE IN JAPAN
SV-107
1-627-261-11
HIGH VOLTAGE CAUTION
R-CATHODE
RED
R-TUBE
G-CATHODE
WHITE
G-TUBE
A
B
C
D
E
F
G

1-627-261-11 SOLDERING SIDE

SV-107 1-627-261-11

CN1	A-2
CN2	A-4
CN3	A-1
CN4	F-3
CN4	F-4
CN5	B-4
CN6	B-3
CN7	F-4
CN8	B-4
CN9	A-3
CN10	G-4
CN11	B-4
CN12	B-3
CN13	G-3
CN14	G-2
CN15	B-1
CN16	B-1
CN17	B-1
D1	F-3
D2	D-1
D3	C-1
D4	C-1
D5	D-3
D6	D-3
D7	D-3
D8	B-3
D9	C-3
IC1	E-3
IC2	F-3
IC3	E-2
IC4	D-3
IC5	D-2
IC6	C-2
Q1	G-3
Q2	G-3
Q3	G-3
Q4	G-3
Q5	F-3
Q6	G-3
Q7	F-3
Q8	G-3
Q9	D-2
Q10	C-2
Q11	C-2
Q12	B-3
Q13	C-3
RV1	G-2
RV2	G-2
RV3	G-1
RV4	G-1
RV5	E-1
RV6	B-1
RV7	B-1
RV8	B-1
TP1	G-3
TP2	G-3
TP3	F-3
TP4	F-3
TP5	A-1
TP12	B-1
TP15	B-1
TP16	B-1
TPE1	D-4

SV-107 BOARD


IF-213
CN1
OVER HEAT
+9V IN
+5V IN
-5V IN
GND
HT +9.5V IN
UNREG IN
UNREG GND
+HEATER
-HEATER
R-PA
G-PA
B-PA
+9V OUT
-5V OUT
GND
RED
WHITE
BLACK
SV-107
AB-13
R-TUBE
G-TUBE
B-TUBE
+H-DEF
-H-DEF
+V-DEF
-V-DEF
+HEATER
-HEATER
KBL
R-CATHODE
G-CATHODE
B-CATHODE
ND FILTER 0
ND FILTER 1
CC FILTER 0
CC FILTER 1
TEMPERATURE OUT
BIAS LAMP ACTIVE
+9.5V IN
GND
-5V IN
+5V IN
TEMP OUT
UN REG IN
UN REG GND
+9V IN
ND POTENTIO IN
ND POSI 0
ND POSI 1
CC POSI 0
CC POSI 1
CC POTENTIO
TPE1
IC4 MC14052BF
IC5 MC14052BF
IC1 μPC4064G
IC2 TLC27M4CNS
IC3 μPC4064G
IC6 μPC4064G
RV1 ND-I
RV2 ND-4
RV3 CC-D
RV4 CC-A
RV5 TEMP
RV6 B-BL
RV7 G-BL
RV8 R-BL
2SC3734-B23
2SA1461-Y23
2SC3074LB
1SS123
TP1
TP2
TP3
TP4
TP5
TP12
TP15
TP16
S1 (1/2)
ON (SHORT) ····· AUTO
OFF (OPEN) ····· MANUAL
FILTER AUT/MAU (1/2)
+5V OUT
GND
TEMP COMP IN
ND MOTOR +
ND MOTOR -
CC MOTOR +
CC MOTOR -
FILTER CN13
+ND MOTOR
-ND MOTOR
ND POTENTION
+CC MOTOR
-CC MOTOR
CC POTENTION
+5V
GND
TEMP CN14
+TEMP
TEMP
ND
CC
OUT
M
+HEATER
R-LAMP CN15
R+BIAS LAMP
R-BIAS LAMP
G-LAMP CN16
G+BIAS LAMP
G-BIAS LAMP
B-LAMP CN17
B+BIAS LAMP
B-BIAS LAMP
LAMP HOUSE

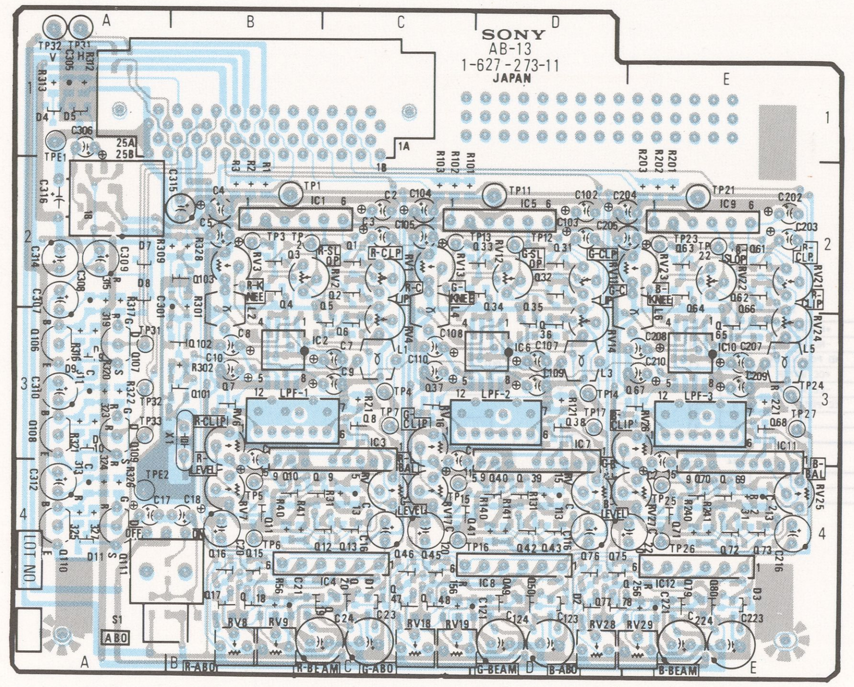
SV-107 BOARD

*NOTE

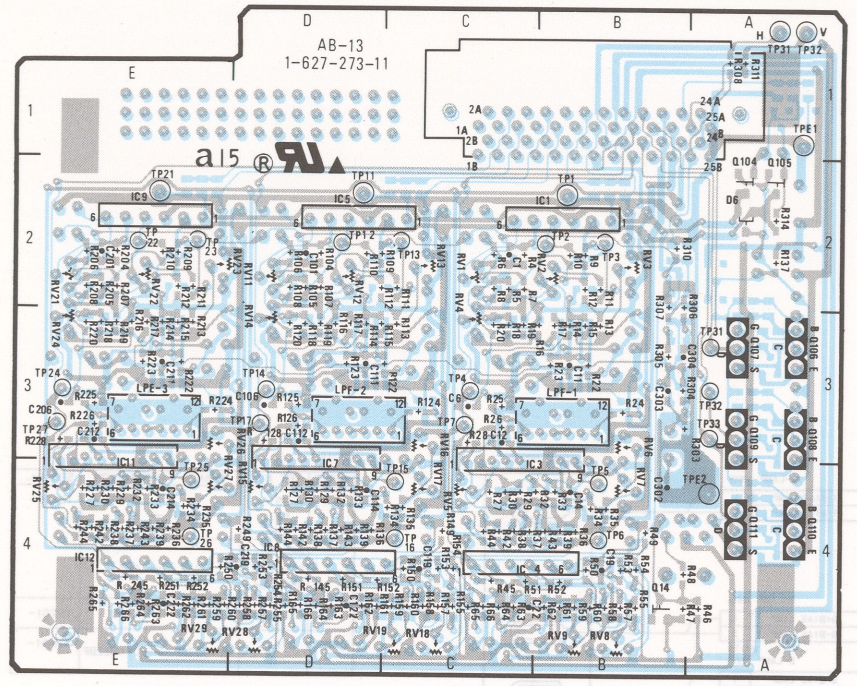
MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	R53 R57 R61	3900 → 2K	10101-
	R55, R56 R59, R60 R63, R64	2.2 → 4.7	
*2	R53	2K → 1800	10201-
*3	IC4 IC5	TC4052BF → MC14052BF	10401-

AB-13 BOARD

Serial No. 10001 – 10120



1-627-273-11 COMPONENT SIDE



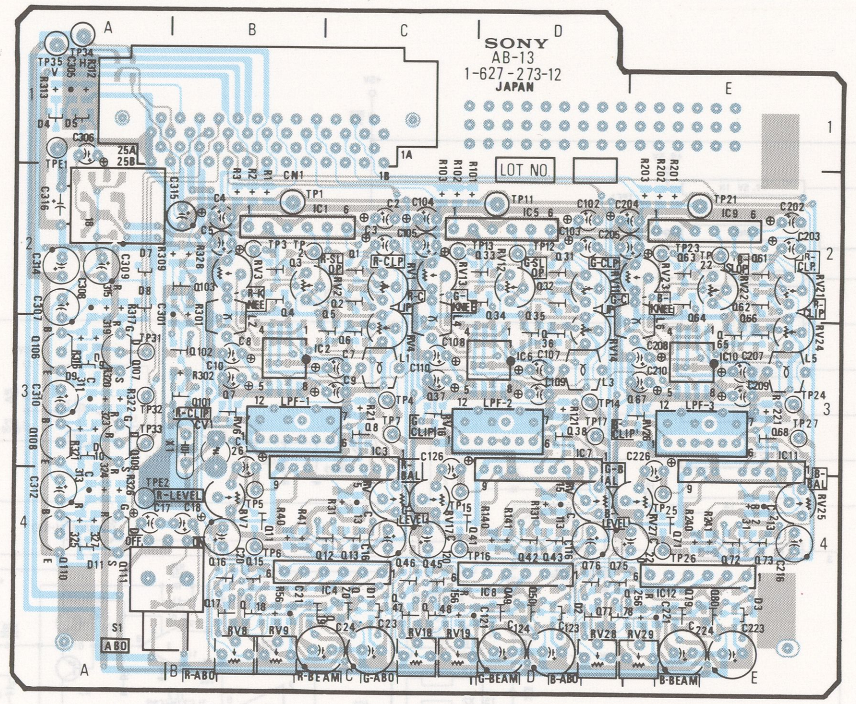
1-627-273-11 SOLDERING SIDE

AB-13 1-627-273-11

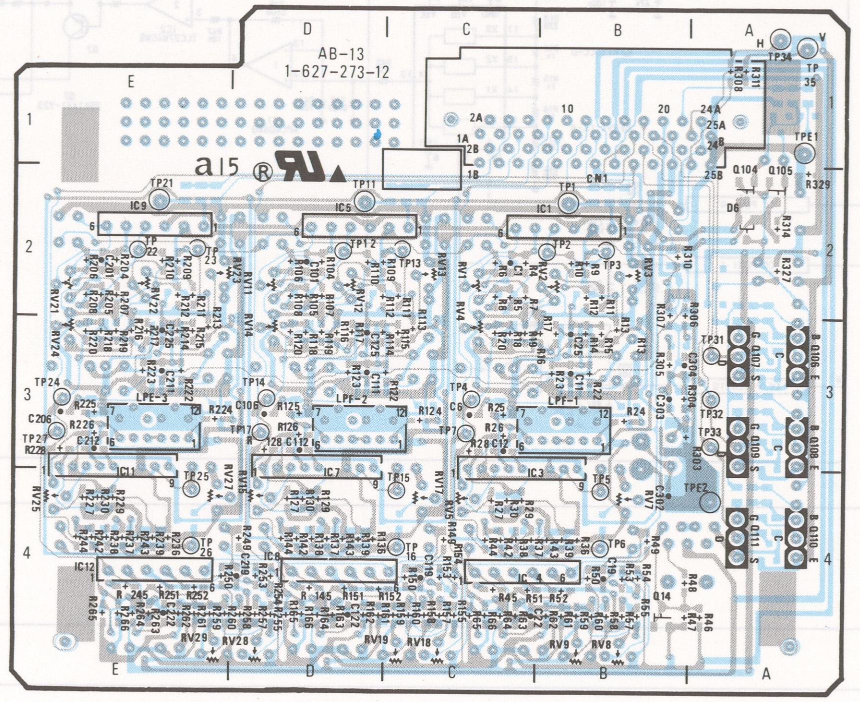
D1	C-4
D2	D-4
D3	E-4
D4	A-1
D5	A-1
D6	A-2
D7	A-2
D8	A-2
D10	A-3
D11	A-4
IC1	B-2
IC2	B-3
IC3	B-4
IC4	C-4
IC5	D-2
IC6	D-3
IC7	D-3
IC8	D-4
IC9	E-2
IC10	E-3
IC11	E-3
IC12	E-4
LPF1	B-3
LPF2	D-3
LPF3	E-3
Q1	C-2
Q2	C-2
Q3	B-2
Q4	B-2
Q5	C-3
Q6	C-3
Q7	B-3
Q8	C-3
Q9	C-4
Q10	B-4
Q11	B-4
Q12	C-4
Q13	C-4
Q14	B-4
Q15	B-4
Q16	B-4
Q17	B-4
Q18	B-4
Q19	C-4
Q20	C-4
Q31	D-2
Q32	D-2
Q33	D-2
Q34	D-2
Q35	D-3
Q36	D-3
Q37	C-3
Q38	D-3
Q39	D-4
Q40	D-4
Q41	C-4
Q42	D-4
Q43	D-4
Q45	C-4
Q46	C-4
Q47	C-4
Q48	C-4
Q49	D-4
Q50	D-4
Q61	E-2
Q62	E-2
Q63	E-2
Q64	E-2
Q65	E-3
Q66	E-3
Q67	E-3
Q68	E-3
Q69	E-4
Q70	E-4
Q71	E-4
Q72	E-4
Q73	E-4
Q75	D-4
Q76	D-4
Q77	D-4
Q78	D-4
Q79	E-4
Q80	E-4
Q101	B-3
Q102	B-3
Q103	B-2
Q104	A-2
Q105	A-2
Q106	A-3
Q107	A-3
Q108	A-3
Q109	A-3
Q110	A-4
Q111	A-4
RV1	C-2
RV2	B-2
RV3	B-2
RV4	C-3
RV5	C-4
RV6	B-3
RV7	B-4
RV8	B-4
RV9	B-4
RV11	D-2
RV12	D-2
RV13	C-2
RV14	D-3
RV15	D-4
RV16	C-3
RV17	C-4
RV18	C-4
RV19	C-4
RV21	E-2
RV22	E-2
RV23	D-2
RV23	E-2
RV24	E-3
RV25	E-4
RV26	E-3
RV27	E-4
RV28	D-4
RV29	E-4
S1	A-4
TP1	B-2
TP2	B-2
TP3	B-2
TP4	C-3
TP5	B-4
TP6	B-4
TP7	C-3
TP11	D-2
TP12	D-2
TP13	C-2
TP14	D-3
TP15	C-4
TP16	C-4
TP17	D-3
TP21	E-2
TP22	E-2
TP23	E-2
TP24	E-3
TP25	E-4
TP26	E-4
TP27	E-3
TP31	A-1
TP31	A-3
TP32	A-1
TP32	A-3
TP33	A-3
TPE1	A-1
TPE2	A-4
X1	B-3

AB-13 BOARD

Serial No. 10201 – 10310



1-627-273-12 COMPONENT SIDE



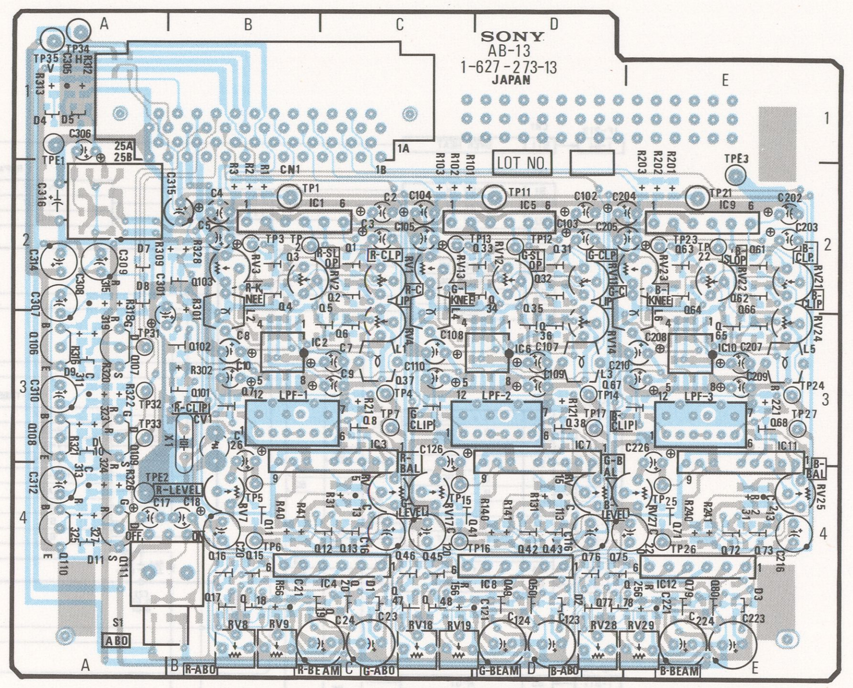
1-627-273-12 SOLDERING SIDE

AB-13 1-627-273-12

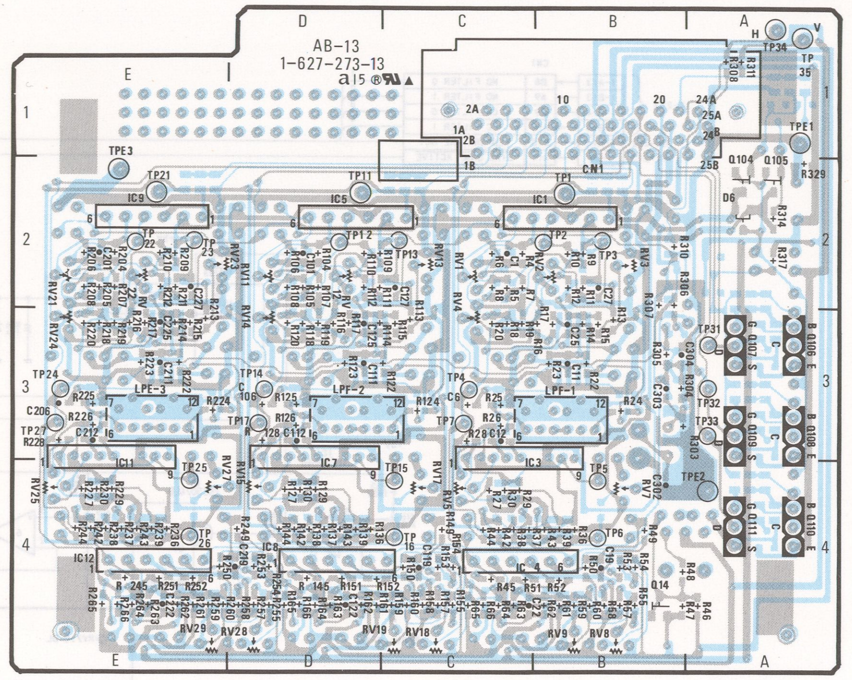
CN1	B-2
CV1	B-3
D1	C-4
D2	D-4
D3	E-4
D4	A-1
D5	A-1
D6	A-2
D7	A-2
D8	A-2
D9	A-3
D10	A-3
D11	A-4
IC1	B-2
IC2	B-3
IC3	C-3
IC4	C-4
IC5	D-2
IC6	D-3
IC7	D-3
IC8	D-4
IC9	E-3
IC10	E-3
IC11	E-3
IC12	E-4
LPF1	B-3
LPF2	D-3
LPF3	E-3
Q1	C-2
Q2	C-2
Q3	B-2
Q4	B-2
Q5	C-2
Q6	C-3
Q7	B-3
Q8	C-3
Q11	B-4
Q12	C-4
Q13	C-4
Q14	B-4
Q15	B-4
Q16	B-4
Q17	B-4
Q18	B-4
Q19	B-4
Q20	C-4
Q31	D-2
Q32	D-2
Q33	D-2
Q34	D-2
Q35	D-2
Q36	D-3
Q37	C-3
Q38	D-3
Q41	C-4
Q42	D-4
Q43	D-4
Q45	C-4
Q46	C-4
Q47	C-4
Q48	C-4
Q49	D-4
Q50	D-4
Q61	E-3
Q62	E-3
Q63	E-3
Q64	E-3
Q65	E-3
Q66	E-2
Q67	D-3
Q68	E-3
Q71	E-4
Q72	E-4
Q73	E-4
Q75	D-4
Q76	D-4
Q77	D-4
Q78	E-4
Q79	E-4
Q80	E-4
Q101	B-3
Q102	B-3
Q103	B-2
Q104	A-2
Q105	A-2
Q106	A-3
Q107	A-3
Q108	A-3
Q109	A-3
Q110	A-4
Q111	A-4
RV1	C-2
RV2	C-2
RV3	B-2
RV4	C-3
RV5	C-4
RV7	B-4
RV8	B-4
RV9	B-4
RV11	D-2
RV12	D-2
RV13	C-2
RV14	D-3
RV15	D-4
RV17	C-4
RV18	C-4
RV19	C-4
RV21	E-2
RV22	E-3
RV23	E-3
RV24	E-3
RV25	E-4
RV27	E-4
RV28	D-4
RV29	E-4
S1	A-4
TPE1	A-1
TPE2	A-4
TP1	B-2
TP2	B-2
TP3	B-2
TP4	C-3
TP5	B-4
TP6	B-4
TP7	C-3
TP11	D-2
TP12	D-2
TP13	D-2
TP14	D-3
TP15	C-4
TP16	C-4
TP16	C-4
TP17	D-3
TP21	E-3
TP22	E-3
TP23	E-3
TP24	E-3
TP25	E-4
TP26	E-4
TP27	E-3
TP31	A-3
TP32	A-3
TP33	A-3
TP34	A-1
TP35	A-1
X1	B-3

AB-13 BOARD

Serial No. 10401 –



1-627-273-13 COMPONENT SIDE

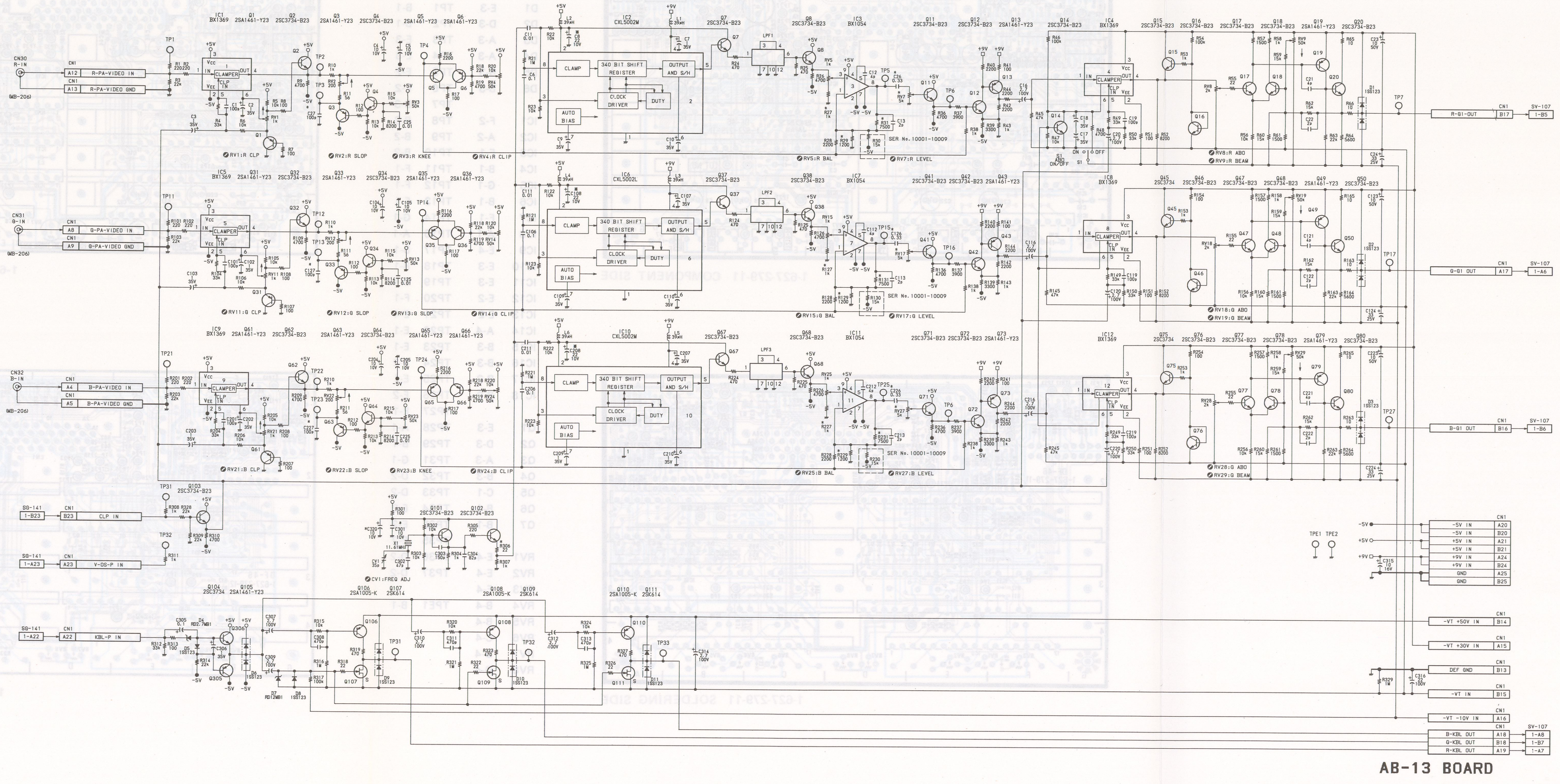


1-627-273-13 SOLDERING SIDE

AB-13 1-627-273-13

CN1	B-2
CV1	B-3
D1	C-4
D2	D-4
D3	E-4
D4	A-1
D5	A-1
D6	A-2
D7	A-2
D8	A-2
D9	A-3
D10	A-3
D11	A-4
IC1	B-2
IC2	B-3
IC3	C-3
IC4	C-4
IC5	D-2
IC6	D-3
IC7	D-3
IC8	D-4
IC9	E-3
IC10	E-3
IC11	E-3
IC12	E-4
LPF1	B-3
LPF2	D-3
LPF3	E-3
Q1	C-2
Q2	C-2
Q3	B-2
Q4	B-2
Q5	C-2
Q6	C-3
Q7	B-3
Q8	C-3
Q11	B-4
Q12	C-4
Q13	C-4
Q14	B-4
Q15	B-4
Q16	B-4
Q17	B-4
Q18	B-4
Q19	B-4
Q20	C-4
Q31	D-2
Q32	D-2
Q33	D-2
Q34	D-2
Q35	D-2
Q36	D-3
Q37	C-3
Q38	D-3
Q41	C-4
Q42	D-4
Q43	D-4
Q45	C-4
Q46	C-4
Q47	C-4
Q48	C-4
Q49	D-4
Q50	D-4
Q61	E-3
Q62	E-3
Q63	E-3
Q64	E-3
Q65	E-3
Q66	E-2
Q67	D-3
Q68	E-3
Q71	E-4
Q72	E-4
Q73	E-4
Q75	D-4
Q76	D-4
Q77	D-4
Q78	E-4
Q79	E-4
Q80	E-4
Q101	B-3
Q102	B-3
Q103	B-2
Q104	A-2
Q105	A-2
Q106	A-3
Q107	A-3
Q108	A-3
Q109	A-3
Q110	A-4
Q111	A-4
RV1	C-2
RV2	C-2
RV3	B-2
RV4	C-3
RV5	C-4
RV7	B-4
RV8	B-4
RV9	B-4
RV11	D-2
RV12	D-2
RV13	C-2
RV14	D-3
RV15	D-4
RV17	C-4
RV18	C-4
RV19	C-4
RV21	E-2
RV22	E-3
RV23	E-3
RV24	E-3
RV25	E-4
RV27	E-4
RV28	D-4
RV29	E-4
S1	A-4
TPE1	A-1
TPE2	A-4
TPE3	E-2
TP1	B-2
TP2	B-2
TP3	B-2
TP4	C-3
TP5	B-4
TP6	B-4
TP7	C-3
TP11	D-2
TP12	D-2
TP13	D-2
TP14	D-3
TP15	C-4
TP16	C-4
TP16	C-4
TP17	D-3
TP21	E-3
TP22	E-3
TP23	E-3
TP24	E-3
TP25	E-4
TP26	E-4
TP27	E-3
TP31	A-3
TP32	A-3
TP33	A-3
TP34	A-1
TP35	A-1
X1	B-3

AB-13 BOARD


CN30 R-IN
CN31 G-IN
CN32 B-IN
R-PA-VIDEO IN
R-PA-VIDEO GND
G-PA-VIDEO IN
G-PA-VIDEO GND
B-PA-VIDEO IN
B-PA-VIDEO GND
CLP IN
V-DS-P IN
KBL-P IN
IC1 BX1369
IC2 CXL5002M
IC3 BX1054
IC4 BX1369
CLAMP
340 BIT SHIFT REGISTER
OUTPUT AND S/H
CLOCK DRIVER
DUTY
AUTO BIAS
CLAMPER
RV1:R CLP
RV2:R SLOP
RV3:R KNEE
RV4:R CLIP
RV5:R BAL
RV7:R LEVEL
RV8:R ABO
RV9:R BEAM
RV11:G CLP
RV12:G SLOP
RV13:G SLOP
RV14:G CLIP
RV15:G BAL
RV17:G LEVEL
RV18:G ABO
RV19:G BEAM
RV21:B CLP
RV22:B SLOP
RV23:B KNEE
RV24:B CLIP
RV25:B BAL
RV27:B LEVEL
RV28:G ABO
RV29:G BEAM
CV1:FREQ ADJ
SER No.10001-10009
R-G1 OUT
G-G1 OUT
B-G1 OUT
-5V IN
+5V IN
+9V IN
GND
-VT +50V IN
-VT +30V IN
DEF GND
-VT IN
-VT -10V IN
B-KBL OUT
G-KBL OUT
R-KBL OUT
SV-107
TPE1 TPE2

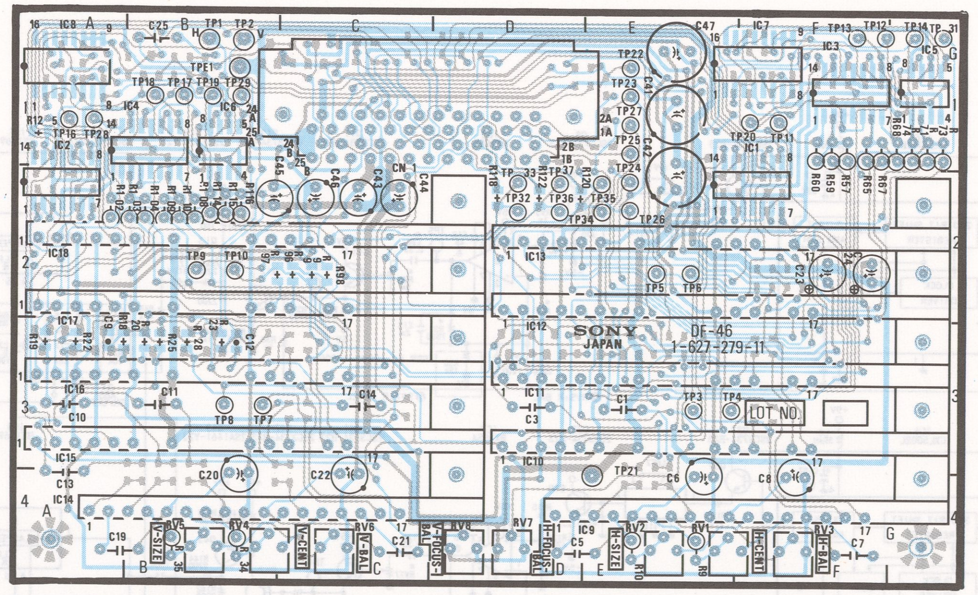
AB-13 BOARD

※ NOTE

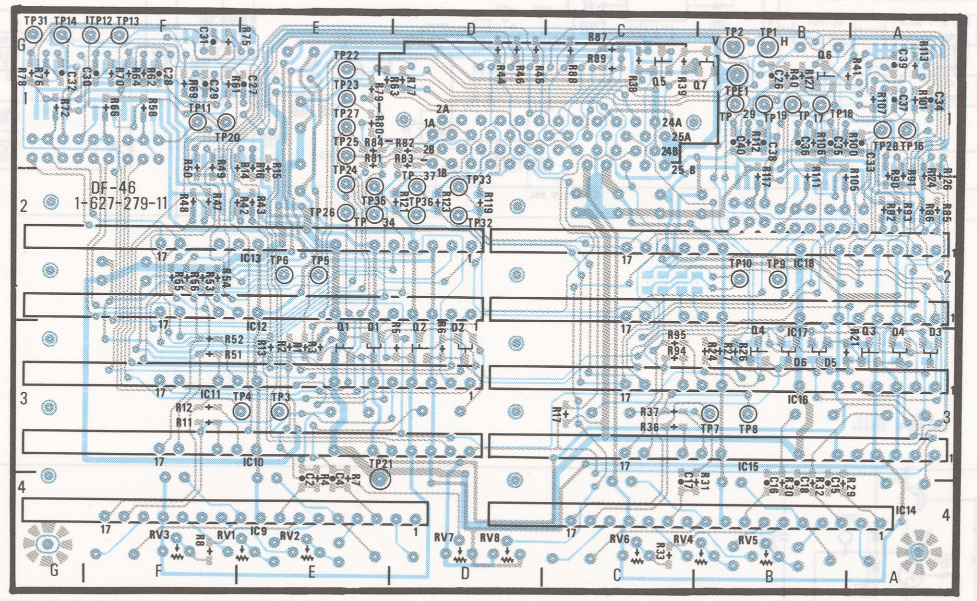
REF NO.	CHANGE INFORMATION	SER NO.
C8 C108 C208	1/35V → 22/10V	10101-
C26 C126 C226	10/10V → 0.33	
C27 C127 C227	ADD	
C301	0.01 → 10/10V	
C320	ADD	
R27 R127 R227	2200 → 1K	
R29 R129 R229	1500 → 1200	
R31 R131 R231	4700 → 7500	
R306	220 → 22	10201-
RV7 RV17 RV27	1K → 5K	

DF-46 BOARD

Serial No. 10001 – 10120



1-627-279-11 COMPONENT SIDE



1-627-279-11 SOLDERING SIDE

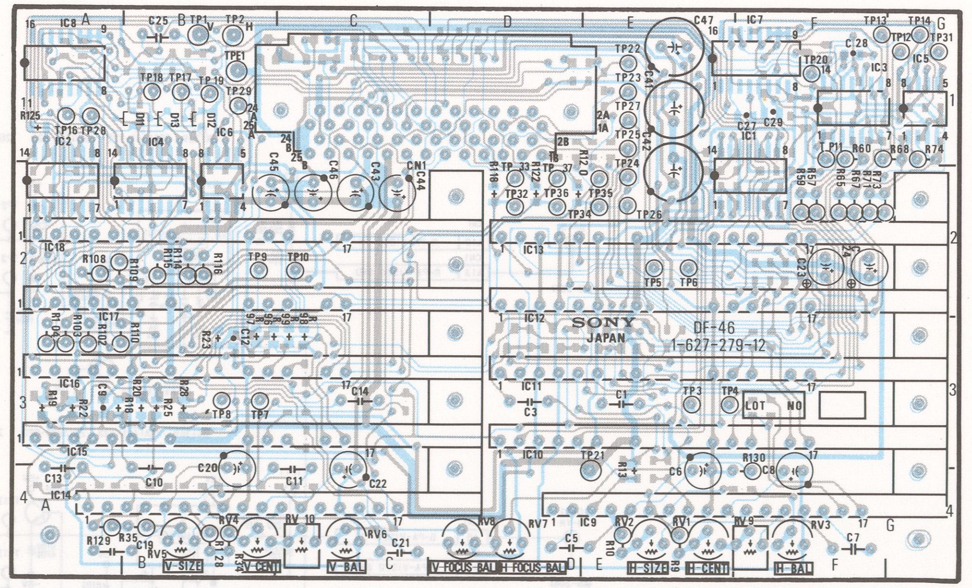
DF-46 1-627-279-11

D1	E-3
D2	D-3
D3	A-3
D4	A-3
D5	B-3
D6	B-3
IC1	F-2
IC2	A-2
IC3	F-1
IC4	B-1
IC5	G-1
IC6	B-1
IC7	F-1
IC8	A-1
IC9	E-4
IC10	E-3
IC11	E-3
IC12	E-2
IC13	E-2
IC14	A-4
IC15	B-3
IC16	B-3
IC17	B-2
IC18	B-2
Q1	E-3
Q2	D-3
Q3	A-3
Q4	B-3
Q5	C-1
Q6	B-1
Q7	B-1
RV1	E-4
RV2	E-4
RV3	F-4
RV4	B-4
RV5	B-4
RV6	C-4
RV7	D-4
RV8	D-4

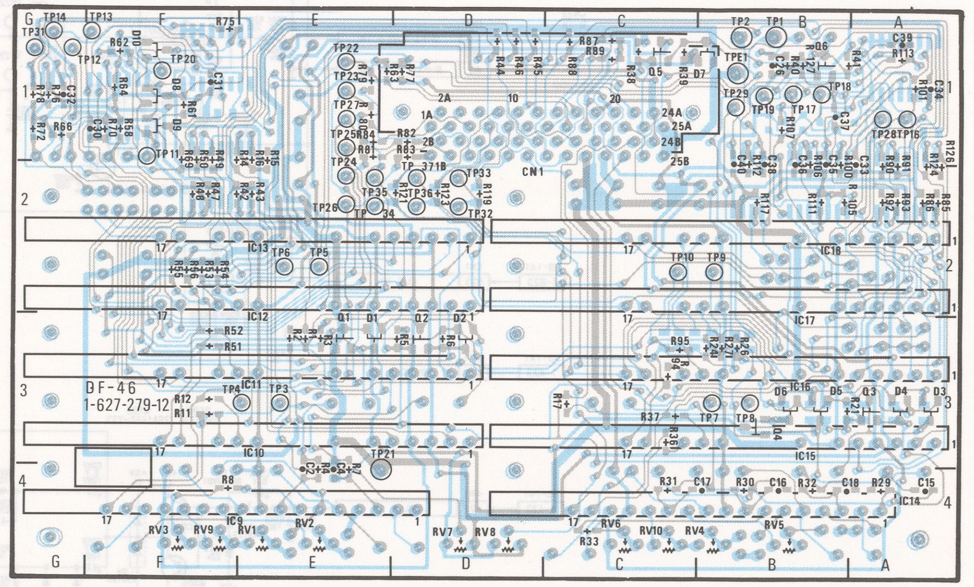
TP1	B-1
TP2	B-1
TP3	E-3
TP4	E-3
TP5	E-2
TP6	E-2
TP7	B-3
TP8	B-3
TP9	B-2
TP10	B-2
TP11	F-1
TP12	F-1
TP13	F-1
TP14	G-1
TP16	A-1
TP17	B-1
TP18	B-1
TP19	B-1
TP20	F-1
TP21	E-4
TP22	E-1
TP23	E-1
TP24	E-2
TP25	E-1
TP26	E-2
TP27	E-1
TP28	A-1
TP29	B-1
TP31	G-1
TP32	D-2
TP33	D-2
TP34	E-2
TP35	E-2
TP35	E-2
TP36	D-2
TP37	D-2
TPE1	B-1

DF-46 BOARD

Serial No. 10201 –



1-627-279-12 COMPONENT SIDE



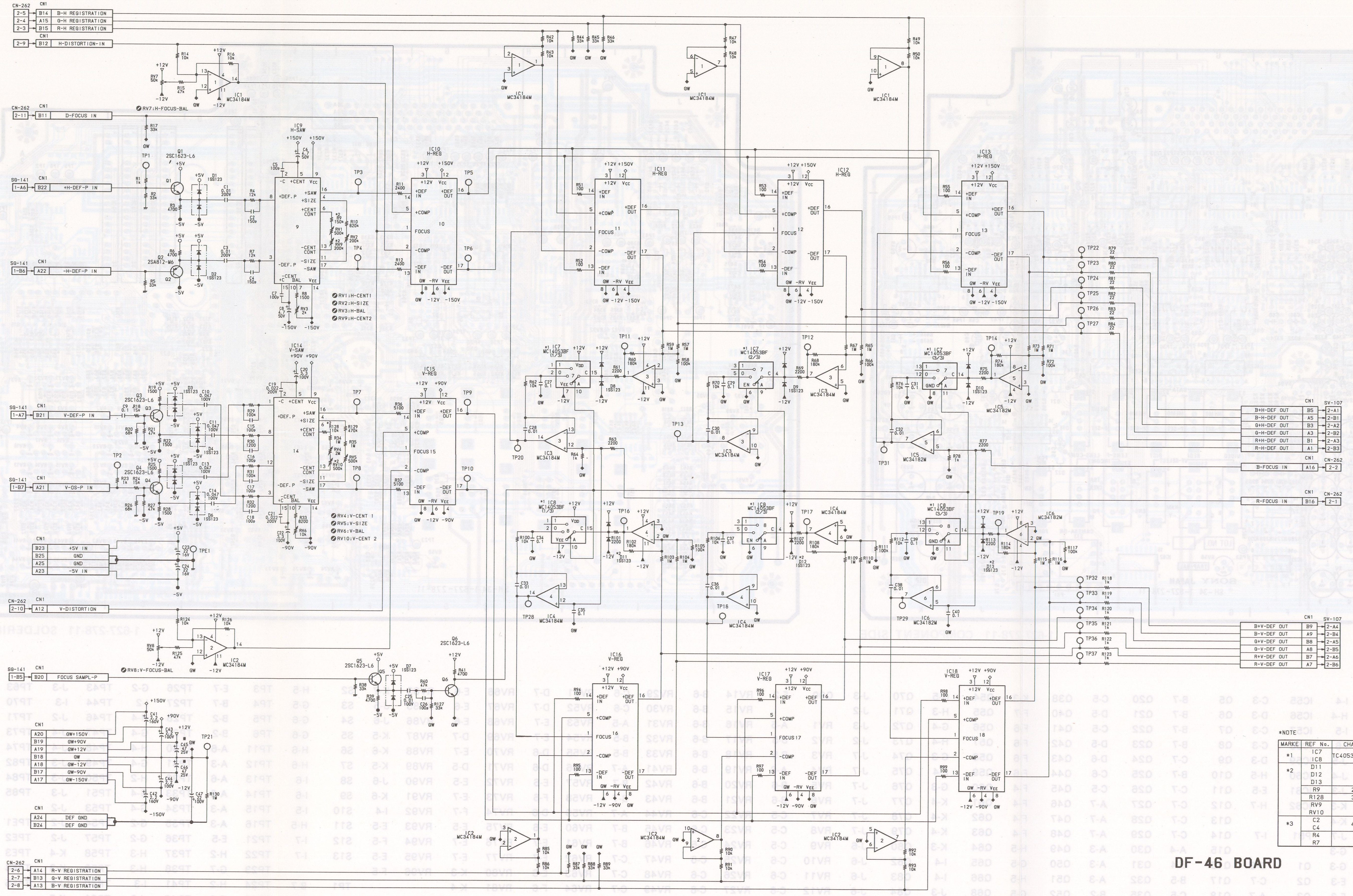
1-627-279-12 SOLDERING SIDE

DF-46 1-627-279-12

CN1	C-2
D1	E-3
D2	D-3
D3	A-3
D4	A-3
D5	B-3
D6	B-3
D7	B-1
D8	F-1
D9	F-1
D10	F-1
D11	B-1
D12	B-1
D13	B-1
IC1	F-1
IC2	A-1
IC3	F-1
IC4	B-1
IC5	G-1
IC6	B-1
IC7	F-1
IC8	A-1
IC9	E-4
IC10	D-3
IC11	D-3
IC12	D-3
IC13	D-2
IC14	A-4
IC15	A-3
IC16	A-3
IC17	A-3
IC18	A-2
Q1	E-3
Q2	D-3
Q3	A-3
Q4	B-3
Q5	C-1
Q6	B-1
RV1	E-4
RV2	E-4
RV3	F-4
RV4	B-4
RV5	B-4
RB6	C-4
RV7	D-4
RV8	D-4
RV9	F-4
RV10	C-4
TPE1	B-1

TP1	B-1
TP2	B-1
TP3	E-3
TP4	E-3
TP5	E-2
TP6	E-2
TP7	B-3
TP8	B-3
TP9	B-2
TP10	B-2
TP11	F-1
TP12	F-1
TP13	F-1
TP14	G-1
TP16	A-1
TP17	B-1
TP18	B-1
TP19	B-1
TP20	F-1
TP21	E-3
TP22	E-1
TP23	E-1
TP24	E-2
TP25	E-1
TP26	E-2
TP27	E-1
TP28	A-1
TP29	B-1
TP31	G-1
TP32	D-2
TP33	D-2
TP34	D-2
TP35	E-2
TP36	D-2
TP37	D-2

DF-46 BOARD


CN-262
CN1
2-5 B14 B-H REGISTRATION
2-4 A15 G-H REGISTRATION
2-3 B15 R-H REGISTRATION
2-9 B12 H-DISTORTION-IN
IC1 MC34184M
RV7;H-FOCUS-BAL
2-11 B11 D-FOCUS IN
SG-141
1-A6 B22 +H-DEF-P IN
1-B6 A22 -H-DEF-P IN
Q1 2SC1623-L6
Q2 2SA812-M6
D1 1SS123
D2 1SS123
IC9 H-SAW
IC10 H-REG
IC11 H-REG
IC12 H-REG
IC13 H-REG
RV1;H-CENT1
RV2;H-SIZE
RV3;H-BAL
RV9;H-CENT2
1-A7 B21 V-DEF-P IN
1-B7 A21 V-OS-P IN
Q3 2SC1623-L6
Q4 2SC1623-L6
IC14 V-SAW
IC15 V-REG
RV4;V-CENT 1
RV5;V-SIZE
RV6;V-BAL
RV10;V-CENT 2
B23 +5V IN
B25 GND
A25 GND
A23 -5V IN
TPE1
2-10 A12 V-DISTORTION
IC2 MC34184M
RV8;V-FOCUS-BAL
1-B5 B20 FOCUS SAMPL-P
Q5 2SC1623-L6
Q6 2SC1623-L6
A20 GW+150V
B19 GW+90V
A19 GW+12V
B18 GW
A18 GW-12V
B17 GW-90V
A17 GW-150V
TP21
A24 DEF GND
B24 DEF GND
2-6 A14 R-V REGISTRATION
2-7 B13 G-V REGISTRATION
2-8 A13 B-V REGISTRATION
IC3 MC34184M
IC4 MC34184M
IC5 MC34182M
IC6 MC34182M
*1 IC7 MC14053BF
*1 IC8 MC14053BF
IC16 V-REG
IC17 V-REG
IC18 V-REG
SV-107
B+H-DEF OUT B5 2-A1
B-H-DEF OUT A5 2-B1
G+H-DEF OUT B3 2-A2
G-H-DEF OUT A3 2-B2
R+H-DEF OUT B1 2-A3
R-H-DEF OUT A1 2-B3
B-FOCUS IN A16 2-2
R-FOCUS IN B16 2-1
B+V-DEF OUT B9 2-A4
B-V-DEF OUT A9 2-B4
G+V-DEF OUT B8 2-A5
G-V-DEF OUT A8 2-B5
R+V-DEF OUT B7 2-A6
R-V-DEF OUT A7 2-B6
1
2
3
4
5
6

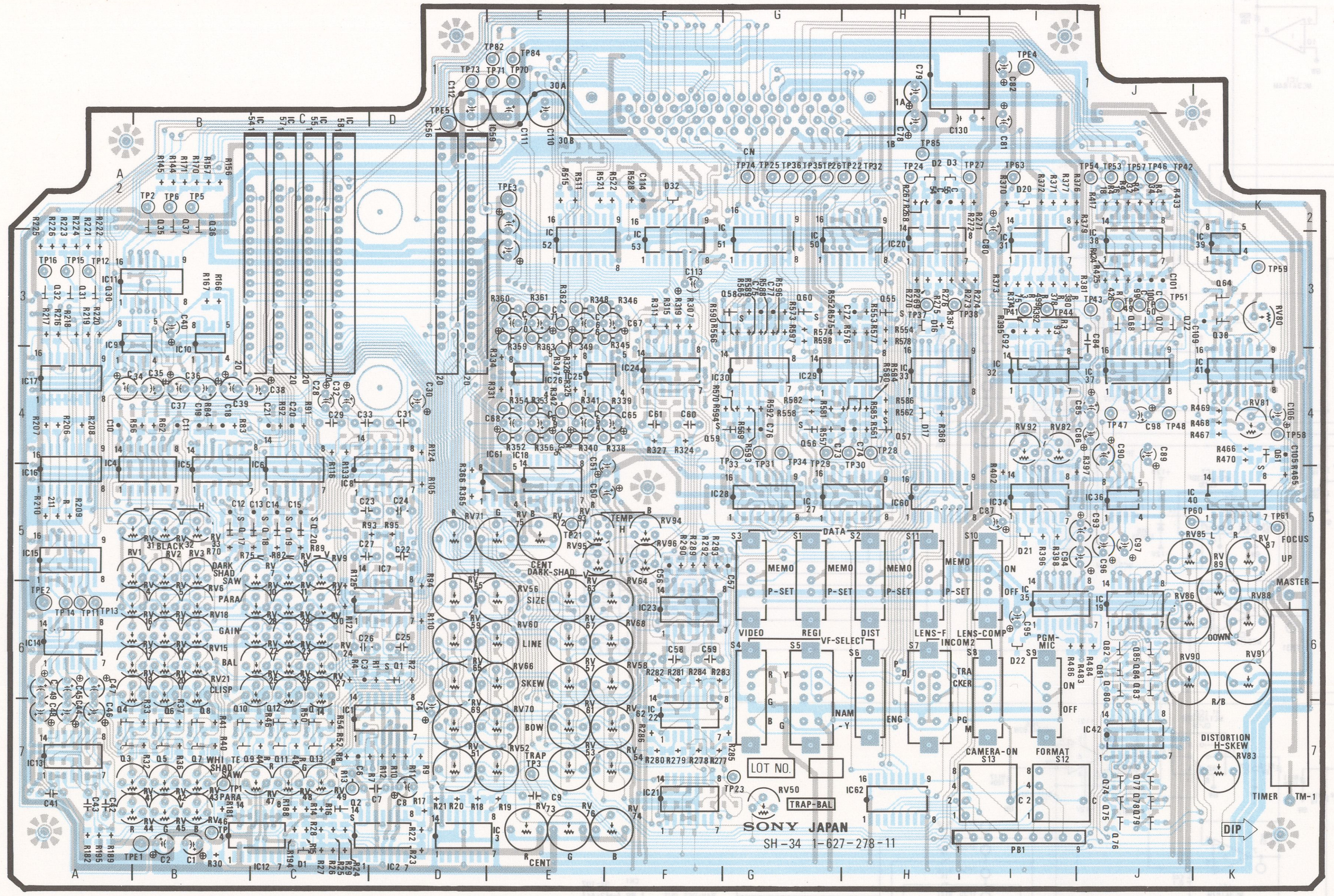
*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	IC7 IC8	TC4053BFHB → MC14053BF	10101-
*2	D11 D12 D13	ADD	10201-
	R9	240K → 150K	
	R128	360K → 110K	
	RV9 RV10	ADD	
*3	C2 C4	470P → 150P	10401-
	R4 R7	15K → 12K	

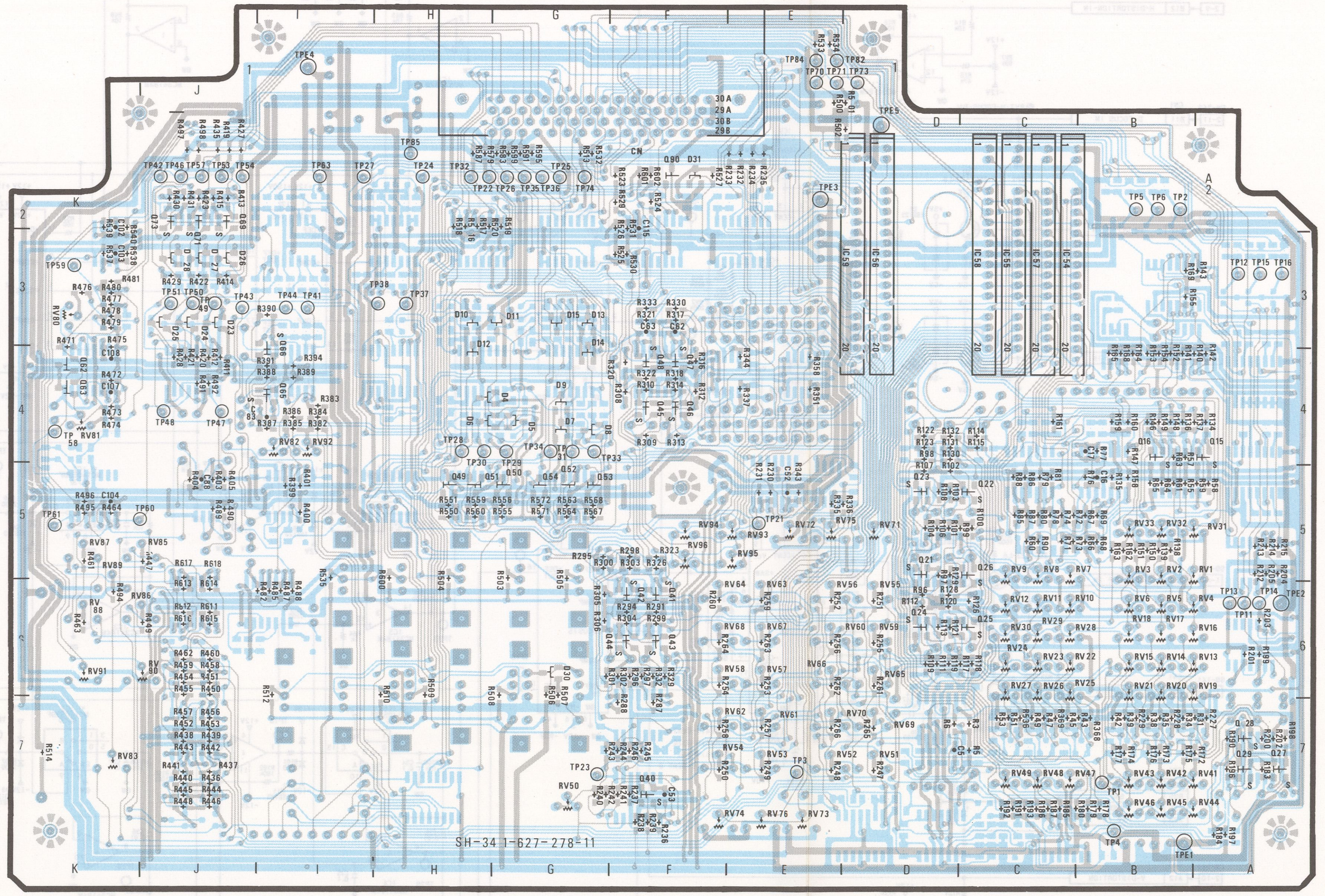
DF-46 BOARD

SH-34 BOARD

Serial No. 10001 – 10120



1-627-278-11 COMPONENT SIDE



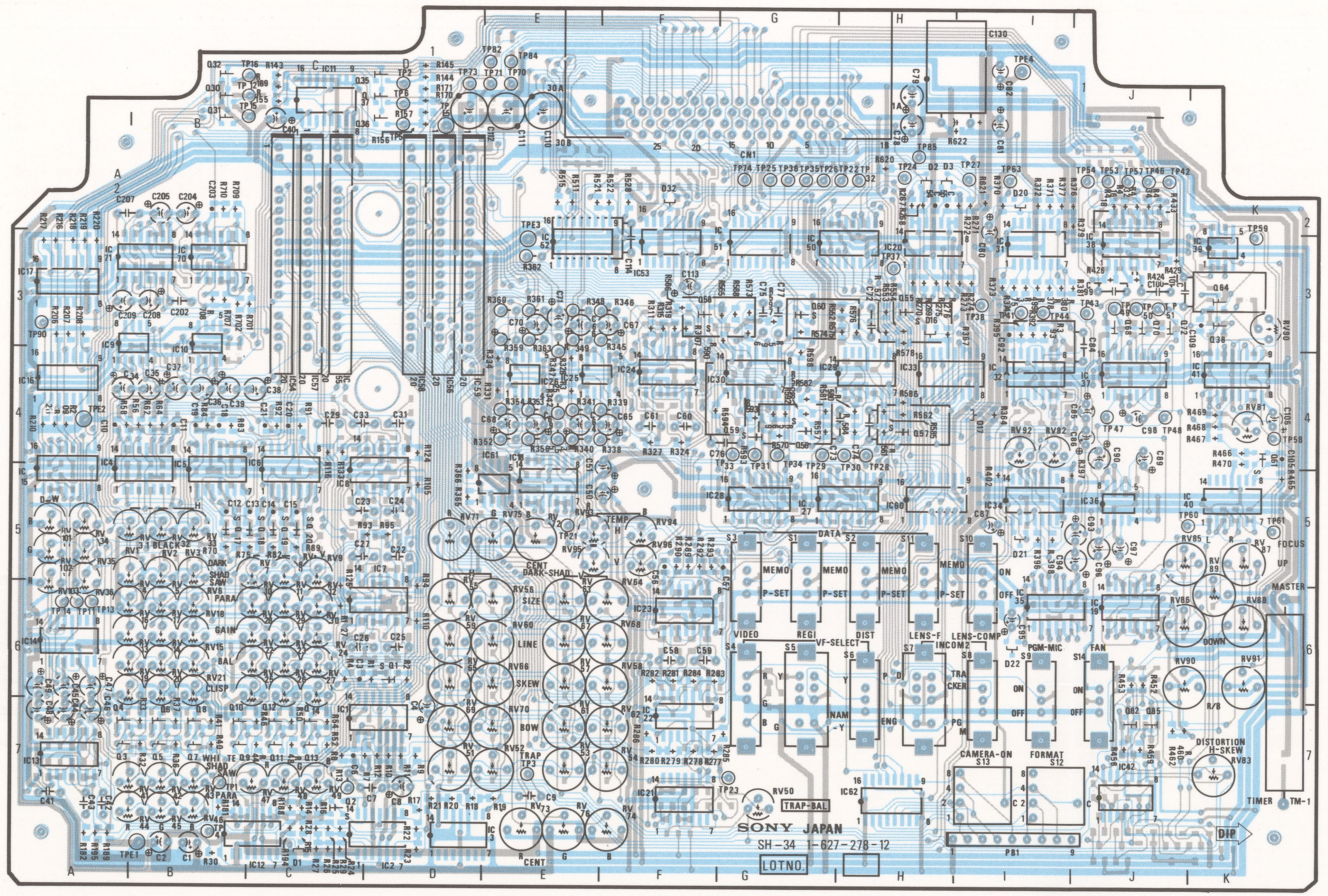
1-627-278-11 SOLDERING SIDE

SH-34 1-627-278-11

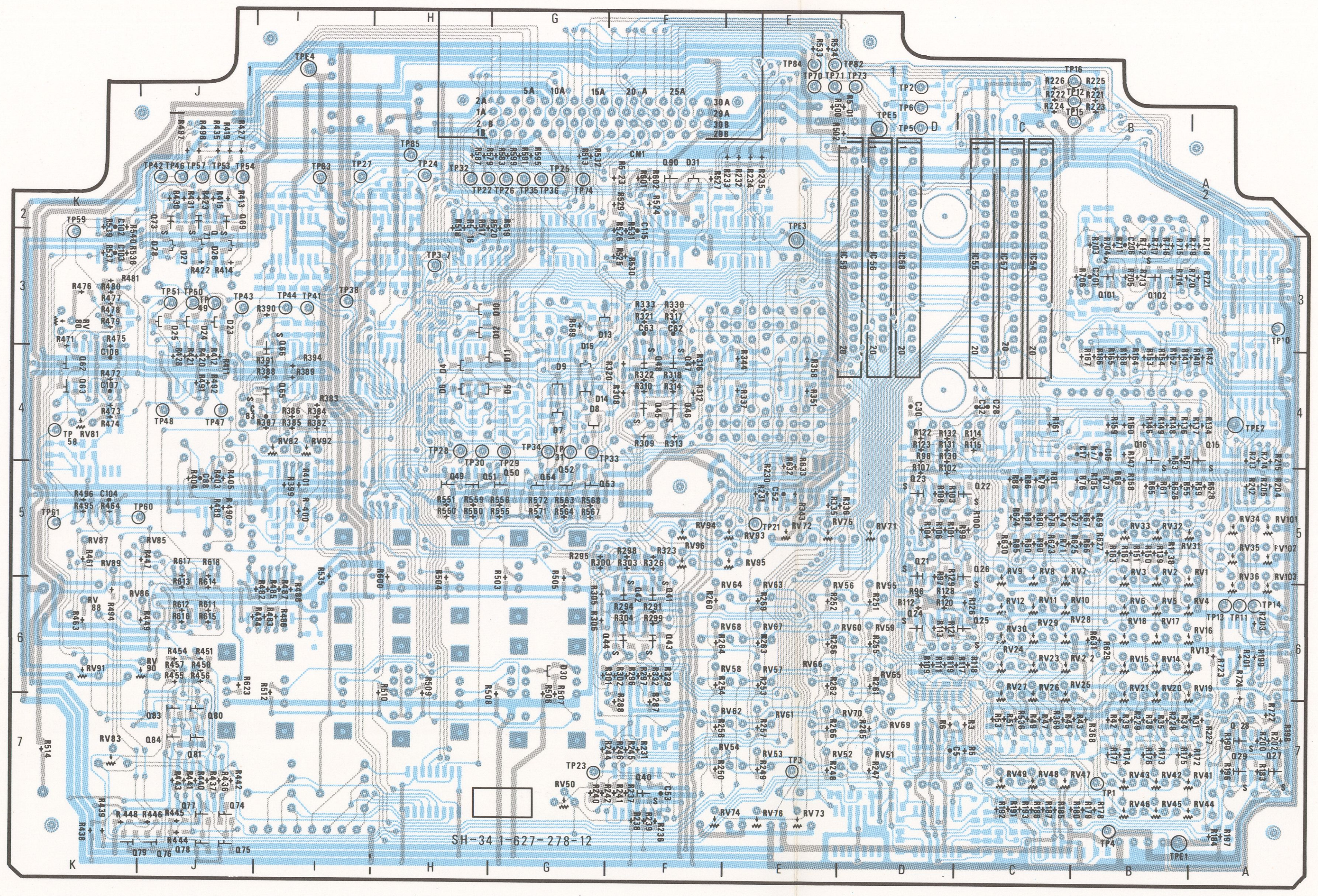
D1	C-7	D16	H-3	IC2	D-7	IC17	A-4	IC32	I-4	IC55	C-3	Q5	B-7	Q20	C-5	Q38	K-3	Q54	G-5	Q70	J-3	Q90	F-2	RV14	B-6	RV29	C-6	RV51	D-7	RV66	E-6	RV83	K-7	S2	H-5	TP3	E-7	TP26	G-2	TP43	J-3	TP63	I-2
D2	H-2	D17	H-4	IC3	D-7	IC18	E-5	IC33	H-4	IC56	D-3	Q6	B-7	Q21	D-5	Q40	F-7	Q55	H-3	Q71	J-2			RV15	B-6	RV30	C-6	RV52	D-7	RV67	E-6	RV85	J-5	S3	G-5	TP4	B-7	TP27	I-2	TP44	I-3	TP70	E-1
D3	H-2	D20	I-2	IC4	A-5	IC19	J-6	IC34	I-5	IC57	C-3	Q7	B-7	Q22	C-5	Q41	F-6	Q56	G-4	Q72	J-3	RV1	A-5	RV16	B-6	RV31	A-5	RV53	E-7	RV68	E-6	RV86	J-6	S4	G-6	TP5	B-2	TP28	H-4	TP46	J-2	TP71	E-1
D4	G-4	D21	I-5	IC5	B-4	IC20	H-3	IC35	I-6	IC58	C-3	Q8	B-7	Q23	D-5	Q42	F-6	Q57	H-4	Q73	J-2	RV2	B-5	RV17	B-6	RV32	B-5	RV54	E-7	RV69	D-7	RV87	K-5	S5	G-6	TP6	B-2	TP29	G-4	TP47	J-4	TP73	D-1
D5	G-4	D22	I-6	IC6	C-4	IC21	F-7	IC36	J-5	IC59	D-3	Q9	C-7	Q24	D-6	Q43	F-6	Q58	G-3	Q74	J-7	RV3	B-5	RV18	B-6	RV33	B-5	RV55	D-6	RV70	E-7	RV88	K-6	S6	H-6	TP11	A-6	TP30	H-4	TP48	J-4	TP74	G-2
D6	H-4	D23	J-3	IC7	D-6	IC22	F-7	IC37	J-4	IC60	H-5	Q10	B-7	Q25	C-6	Q44	F-6	Q59	F-4	Q75	J-7	RV4	A-6	RV19	B-6	RV41	A-7	RV56	D-6	RV71	D-5	RV89	K-5	S7	H-6	TP12	A-3	TP31	G-4	TP49	J-3	TP82	E-1
D7	G-4	D24	J-3	IC8	D-5	IC23	F-6	IC38	J-3	IC61	E-5	Q11	C-7	Q26	C-5	Q45	F-4	Q60	G-3	Q76	J-7	RV5	B-6	RV20	B-6	RV42	B-7	RV57	E-6	RV72	E-5	RV90	J-6	S8	I-6	TP13	A-6	TP32	H-2	TP50	J-3	TP84	E-1
D8	G-4	D25	J-3	IC9	A-3	IC24	F-4	IC39	K-3	IC62	H-7	Q12	C-7	Q27	A-7	Q46	F-4	Q61	K-4	Q77	J-7	RV6	B-6	RV21	B-6	RV43	B-7	RV58	F-6	RV73	E-7	RV91	K-6	S9	I-6	TP14	A-6	TP33	G-4	TP51	J-3	TP85	H-2
D9	G-4	D26	J-3	IC10	B-3	IC25	E-4	IC41	K-4			Q13	C-7	Q28	A-7	Q47	F-4	Q62	K-4	Q78	J-7	RV7	C-5	RV22	C-6	RV44	A-7	RV59	D-6	RV74	F-7	RV92	I-4	S10	I-5	TP15	A-3	TP34	G-4	TP53	J-2		
D10	H-3	D27	J-3	IC11	A-3	IC26	E-4	IC42	J-7	PB1	I-7	Q14	C-7	Q29	A-7	Q48	F-4	Q63	K-4	Q79	J-7	RV8	C-5	RV23	C-6	RV45	B-7	RV60	E-6	RV75	E-5	RV93	E-5	S11	H-5	TP16	A-3	TP35	G-2	TP54	J-2	TPE1	B-7
D11	G-3	D28	J-3	IC12	C-7	IC27	G-5	IC50	G-3			Q15	A-4	Q30	A-3	Q49	H-5	Q64	K-3	Q80	J-6	RV9	C-5	RV24	C-6	RV46	B-7	RV61	E-7	RV76	E-7	RV94	F-5	S12	I-7	TP21	E-5	TP36	G-2	TP57	J-2	TPE2	A-6
D12	H-4	D30	G-6	IC13	A-7	IC28	G-5	IC51	G-3	Q1	D-6	Q16	B-4	Q31	A-3	Q50	G-5	Q65	I-4	Q82	J-6	RV10	C-6	RV25	C-6	RV47	C-7	RV62	E-7	RV77	E-7	RV95	E-5	S13	I-7	TP22	H-2	TP37	H-3	TP58	K-4	TPE3	E-2
D13	G-3	D31	F-2	IC14	A-6	IC29	G-4	IC52	E-3	Q2	C-7	Q17	B-5	Q32	A-3	Q51	H-5	Q66	I-4	Q83	J-6	RV11	C-6	RV26	C-6	RV48	C-7	RV63	E-6	RV80	K-3	RV96	F-5			TP23	G-7	TP38	H-3	TP59	K-3	TPE4	I-1
D14	G-4	D32	F-2	IC15	A-5	IC30	G-4	IC53	F-3	Q3	A-7	Q18	C-5	Q35	B-2	Q52	G-5	Q68	J-3	Q84	J-6	RV12	C-6	RV27	C-6	RV49	C-7	RV64	F-6	RV81	K-4			TP1	B-7	TP24	H-2	TP41	I-3	TP60	J-5	TPE5	D-2
D15	G-3	IC1	C-7	IC16	A-5	IC31	I-3	IC54	C-3	Q4	A-7	Q19	C-5	Q37	B-2	Q53	G-5	Q69	J-2	Q85	J-6	RV13	A-6	RV28	C-6	RV50	G-7	RV65	D-6	RV82	I-4	S1	G-5	TP2	B-2	TP25	G-2	TP42	J-2	TP61	K-5		

SH-34 BOARD

Serial No. 10201 – 10310



1-627-278-12 COMPONENT SIDE



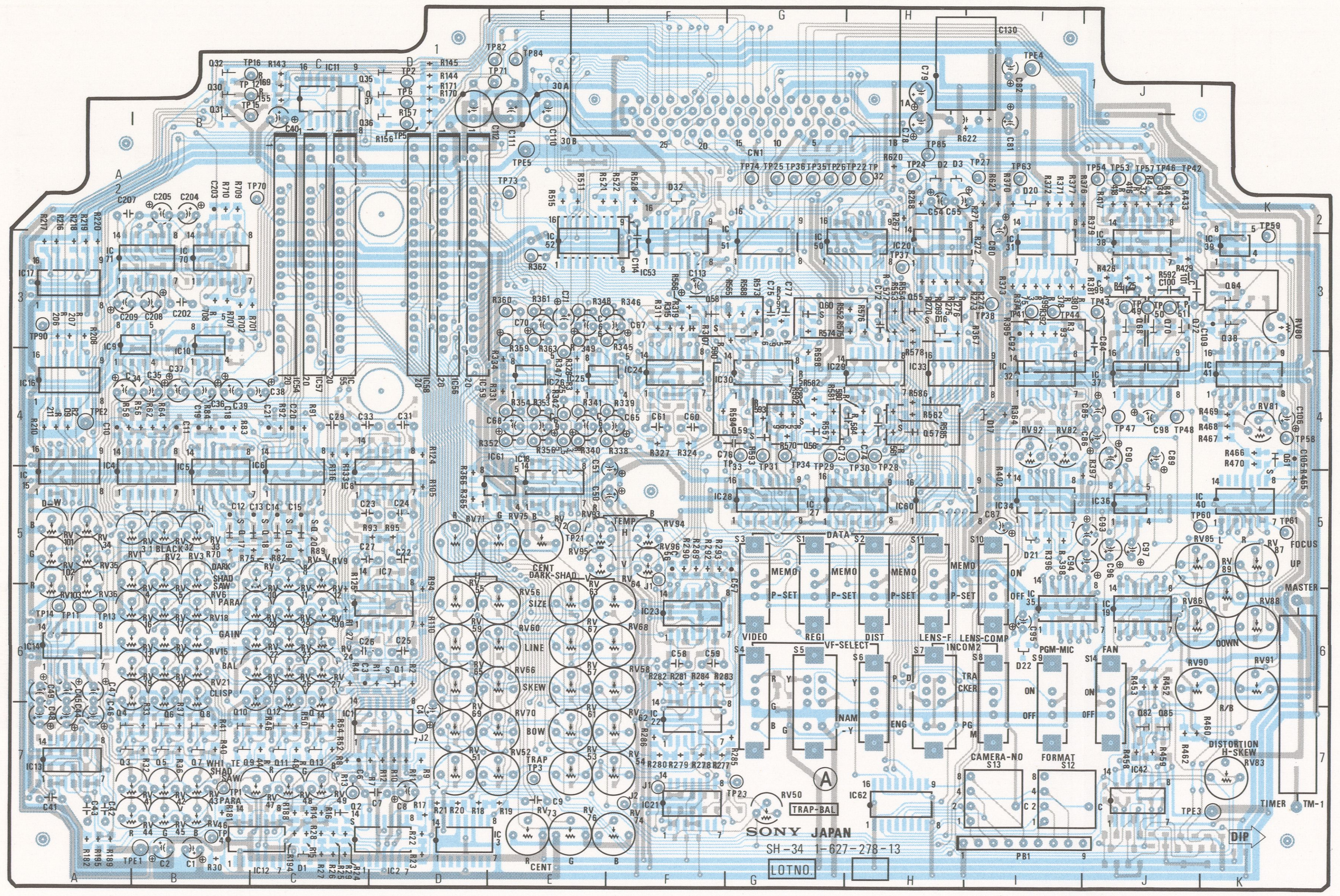
1-627-278-12 SOLDERING SIDE

SH-34 1-627-278-12

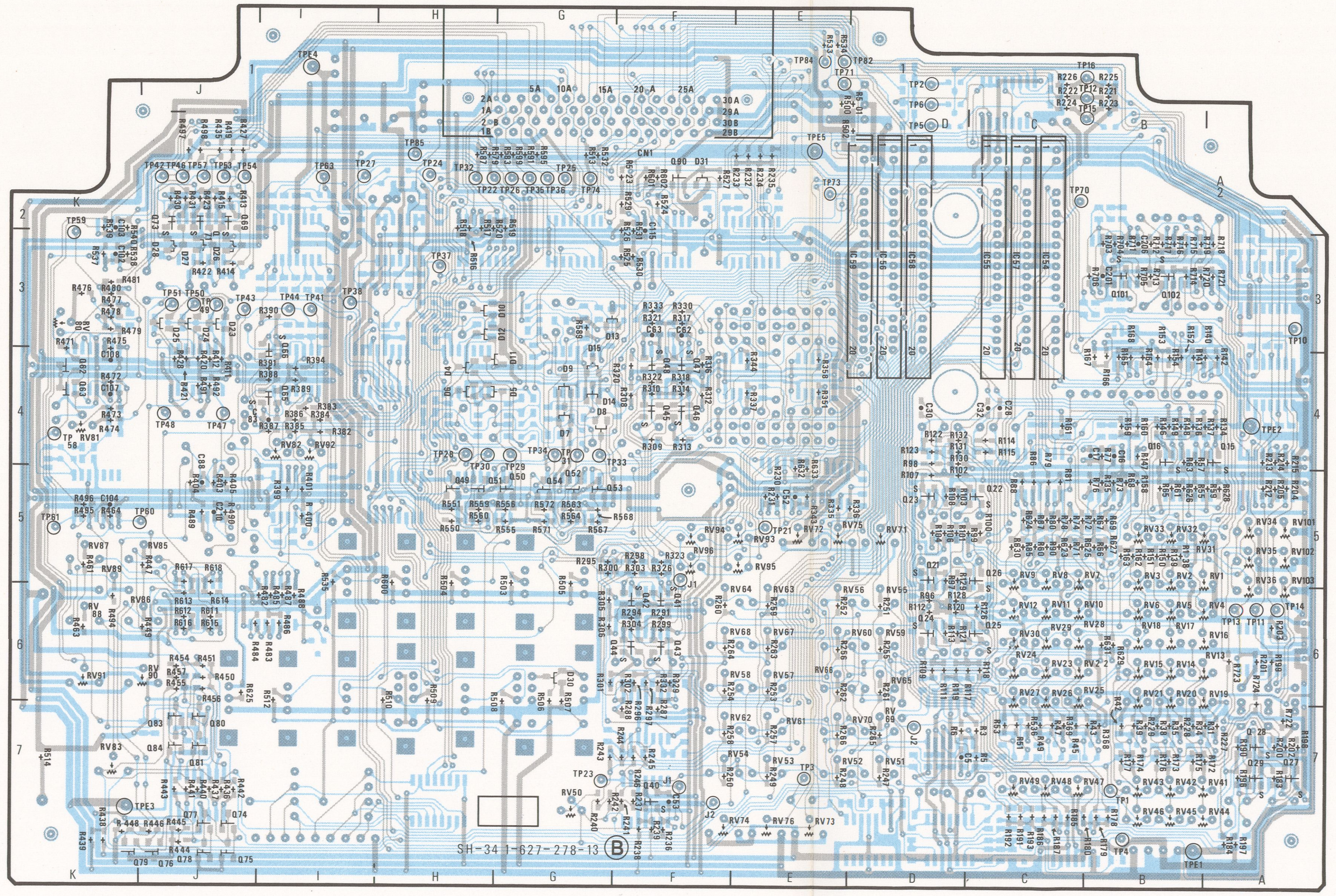
CN1	G-2
D1	C-7
D2	H-2
D3	H-2
D4	H-4
D5	H-4
D6	H-4
D7	G-4
D8	G-4
D9	G-4
D10	H-4
D11	H-3
D12	H-3
D13	G-3
D14	G-4
D15	G-4
D16	H-3
D17	I-4
D20	I-2
D21	I-5
D22	I-6
D23	J-3
D24	J-3
D25	J-3
D26	J-3
D27	J-3
D28	J-3
D30	G-6
D31	F-2
D32	F-2
IC1	C-7
IC2	D-7
IC3	D-7
IC4	A-5
IC5	B-5
IC6	C-5
IC7	D-6
IC8	C-5
IC9	A-3
IC10	B-4
IC11	C-1
IC12	C-7
IC13	A-7
IC14	A-6
IC15	A-5
IC16	A-4
IC17	A-3
IC18	E-5
IC19	J-6
IC20	H-3
IC21	F-7
IC22	F-7
IC23	F-6
IC24	F-4
IC25	E-4
IC26	E-4
IC27	G-5
IC28	G-5
IC29	H-4
IC30	G-4
IC31	I-3
IC32	I-4
IC33	H-4
IC34	I-5
IC35	I-6
IC36	J-5
IC37	J-4
IC38	J-3
IC39	K-3
IC40	K-5
IC41	K-4
IC42	J-7
IC50	G-3
IC51	G-3
IC52	E-3
IC53	F-3
IC54	C-4
IC55	C-4
IC56	D-4
IC57	C-4
IC58	D-4
IC59	D-4
IC60	H-5
IC61	E-5
IC62	H-7
IC70	B-3
IC71	A-3
PB1	I-7
Q1	D-6
Q2	C-7
Q3	A-7
Q4	A-7
Q5	B-7
Q6	B-7
Q7	B-7
Q8	B-7
Q9	B-7
Q10	B-7
Q11	C-7
Q12	C-7
Q13	C-7
Q14	C-7
Q15	A-4
Q16	B-4
Q17	B-5
Q18	C-5
Q19	C-5
Q20	C-5
Q21	D-5
Q22	C-5
Q23	D-5
Q24	D-6
Q25	C-6
Q26	C-5
Q27	A-7
Q28	A-7
Q29	A-7
Q30	B-1
Q31	B-1
Q32	B-1
Q35	D-1
Q36	D-1
Q37	D-1
Q38	K-3
Q40	F-7
Q41	F-6
Q42	F-6
Q43	F-6
Q44	F-6
Q45	F-4
Q46	F-4
Q47	F-4
Q48	F-4
Q49	H-5
Q50	G-5
Q51	H-5
Q52	G-5
Q53	G-5
Q54	G-5
Q55	H-3
Q56	G-4
Q57	H-4
Q58	F-3
Q59	G-4
Q60	G-3
Q61	K-4
Q62	K-4
Q63	K-4
Q64	K-3
Q65	I-4
Q66	I-4
Q68	J-3
Q69	J-2
Q70	J-3
Q71	J-2
Q72	J-3
Q73	J-2
Q74	J-7
Q75	J-7
Q76	J-7
Q77	J-7
Q78	J-7
Q79	K-7
Q80	J-7
Q81	J-7
Q82	J-7
Q83	J-7
Q84	J-7
Q85	J-7
Q90	F-2
Q101	B-3
Q102	B-3
RV1	B-5
RV2	B-5
RV3	B-5
RV4	B-6
RV5	B-6
RV6	B-6
RV7	C-5
RV8	C-5
RV9	C-5
RV10	C-6
RV11	C-6
RV12	C-6
RV13	B-6
RV14	B-6
RV15	B-6
RV16	B-6
RV17	B-6
RV18	B-6
RV19	B-6
RV20	B-6
RV21	C-6
RV22	C-6
RV23	C-6
RV24	C-6
RV25	C-6
RV26	C-6
RV27	C-6
RV28	C-6
RV29	C-6
RV30	C-6
RV31	B-5
RV32	B-5
RV33	B-5
RV34	A-5
RV35	A-5
RV36	A-6
RV41	B-7
RV42	B-7
RV43	B-7
RV44	B-7
RV45	B-7
RV46	B-7
RV47	C-7
RV48	C-7
RV49	C-7
RV50	G-7
RV51	D-7
RV52	E-7
RV53	E-7
RV54	F-7
RV55	D-6
RV56	E-6
RV57	E-6
RV58	F-6
RV59	D-6
RV60	E-6
RV61	E-7
RV62	F-7
RV63	E-6
RV64	F-6
RV65	D-6
RV66	E-6
RV67	F-6
RV68	F-6
RV69	D-7
RV70	E-7
RV71	D-5
RV72	E-5
RV73	E-7
RV74	F-7
RV75	E-5
RV76	E-7
RV80	K-3
RV81	K-4
RV82	I-4
RV83	K-7
RV85	J-5
RV86	J-6
RV87	K-5
RV88	K-6
RV89	K-5
RV90	J-6
RV91	K-6
RV92	I-4
RV93	E-5
RV94	F-5
RV95	E-5
RV96	F-5
RV101	A-5
RV102	A-5
RV103	A-6
S1	G-5
S2	H-5
S3	G-5
S4	G-6
S5	H-6
S6	G-6
S7	H-6
S8	I-6
S9	I-6
S10	I-5
S11	H-5
S12	I-7
S13	I-7
TP1	B-7
TP2	D-1
TP3	E-7
TP4	B-7
TP5	D-2
TP6	D-1
TP10	A-3
TP11	A-6
TP12	B-1
TP13	A-6
TP14	A-6
TP15	B-1
TP16	B-1
TP21	E-5
TP22	H-2
TP23	G-7
TP25	G-2
TP26	G-2
TP27	I-2
TP28	H-4
TP29	G-4
TP30	H-4
TP31	G-4
TP32	G-4
TP33	G-4
TP32	H-2
TP35	G-2
TP36	G-2
TP37	H-3
TP38	I-3
TP42	J-2
TP43	J-3
TP44	I-3
TP46	J-2
TP47	J-4
TP48	J-4
TP49	J-3
TP50	J-3
TP51	J-3
TP53	J-2
TP54	J-2
TP57	J-2
TP58	K-4
TP59	K-3
TP61	K-5
TP63	I-2
TP70	E-1
TP71	E-1
TP73	D-1
TP74	G-2
TP82	E-1
TP84	E-1
TP85	H-2
TP90	A-3
TPE1	B-7
TPE2	A-4
TPE3	E-3
TPE5	D-2

SH-34 BOARD

Serial No. 10401 –



1-627-278-13 COMPONENT SIDE



1-627-278-13 SOLDERING SIDE

SH-34 1-627-278-13

CN1	G-2
D1	C-7
D2	H-2
D3	H-2
D4	H-4
D5	H-4
D6	H-4
D7	G-4
D8	G-4
D9	G-4
D10	H-4
D11	H-3
D12	H-3
D13	G-3
D14	G-4
D15	G-4
D16	H-3
D17	I-4
D20	I-2
D21	I-5
D22	I-6
D23	J-3
D24	J-3
D25	J-3
D26	J-3
D27	J-3
D28	J-3
D30	G-6
D31	F-2
D32	F-2
IC1	C-7
IC2	D-7
IC3	D-7
IC4	A-5
IC5	B-5
IC6	C-5
IC7	D-6
IC8	C-5
IC9	A-3
IC10	B-4
IC11	C-1
IC12	C-7
IC13	A-7
IC14	A-6
IC15	A-5
IC16	A-4
IC17	A-3
IC18	E-5
IC19	J-6
IC20	H-3
IC21	F-7
IC22	F-7
IC23	F-6
IC24	F-4
IC25	E-4
IC26	E-4
IC27	G-5
IC28	G-5
IC29	H-4
IC30	G-4
IC31	I-3
IC32	I-4
IC33	H-4
IC34	I-5
IC35	I-6
IC36	J-5
IC37	J-4
IC38	J-3
IC39	K-3
IC40	K-5
IC41	K-4
IC42	J-7
IC50	G-3
IC51	G-3
IC52	E-3
IC53	F-3
IC54	C-4
IC55	C-4
IC56	D-4
IC57	C-4
IC58	D-4
IC59	D-4
IC60	H-5
IC61	E-5
IC62	H-7
IC70	B-3
IC71	A-3
PB1	I-7
Q1	D-6
Q2	C-7
Q3	A-7
Q4	A-7
Q5	B-7
Q6	B-7
Q7	B-7
Q8	B-7
Q9	B-7
Q10	B-7
Q11	C-7
Q12	C-7
Q13	C-7
Q14	C-7
Q15	A-4
Q16	B-4
Q17	B-5
Q18	C-5
Q19	C-5
Q20	C-5
Q21	D-5
Q22	C-5
Q23	D-5
Q24	D-6
Q25	C-6
Q26	C-5
Q27	A-7
Q28	A-7
Q29	A-7
Q30	B-1
Q31	B-1
Q32	B-1
Q35	D-1
Q36	D-1
Q37	D-1
Q38	K-3
Q40	F-7
Q41	F-6
Q42	F-6
Q43	F-6
Q44	F-6
Q45	F-4
Q46	F-4
Q47	F-4
Q48	F-4
Q49	H-5
Q50	G-5
Q51	H-5
Q52	G-5
Q53	G-5
Q54	G-5
Q55	H-3
Q56	G-4
Q57	H-4
Q58	F-3
Q59	G-4
Q60	G-3
Q61	K-4
Q62	K-4
Q63	K-4
Q64	K-3
Q65	I-4
Q66	I-4
Q68	J-3
Q69	J-2
Q70	J-3
Q71	J-2
Q72	J-3
Q73	J-2
Q74	J-7
Q75	J-7
Q76	J-7
Q77	J-7
Q78	J-7
Q79	K-7
Q80	J-7
Q81	J-7
Q82	J-7
Q83	J-7
Q84	J-7
Q85	J-7
Q90	F-2
Q101	B-3
Q102	B-3
RV1	B-5
RV2	B-5
RV3	B-5
RV4	B-6
RV5	B-6
RV6	B-6
RV7	C-5
RV8	C-5
RV9	C-5
RV10	C-6
RV11	C-6
RV12	C-6
RV13	B-6
RV14	B-6
RV15	B-6
RV16	B-6
RV17	B-6
RV18	B-6
RV19	B-6
RV20	B-6
RV21	C-6
RV22	C-6
RV23	C-6
RV24	C-6
RV25	C-6
RV26	C-6
RV27	C-6
RV28	C-6
RV29	C-6
RV30	C-6
RV31	B-5
RV32	B-5
RV33	B-5
RV34	A-5
RV35	A-5
RV36	A-6
RV41	B-7
RV42	B-7
RV43	B-7
RV44	B-7
RV45	B-7
RV46	B-7
RV47	C-7
RV48	C-7
RV49	C-7
RV50	G-7
RV51	D-7
RV52	E-7
RV53	E-7
RV54	F-7
RV55	D-6
RV56	E-6
RV57	E-6
RV58	F-6
RV59	D-6
RV60	E-6
RV61	E-7
RV62	F-7
RV63	E-6
RV64	F-6
RV65	D-6
RV66	E-6
RV67	E-6
RV68	F-6
RV69	D-7
RV70	E-7
RV71	D-5
RV72	E-5
RV73	E-7
RV74	F-7
RV75	E-5
RV76	E-7
RV80	K-3
RV81	K-4
RV82	I-4
RV83	K-7
RV85	J-5
RV86	J-6
RV87	K-5
RV88	K-6
RV89	K-5
RV90	J-6
RV91	K-6
RV92	I-4
RV93	E-5
RV94	F-5
RV95	E-5
RV96	F-5
RV101	A-5
RV102	A-5
RV103	A-6
S1	G-5
S2	H-5
S3	G-5
S4	G-6
S5	H-6
S6	G-6
S7	H-6
S8	I-6
S9	I-6
S10	I-5
S11	H-5
S12	I-7
S13	I-7
TP1	B-7
TP2	D-1
TP3	E-7
TP4	B-7
TP5	D-2
TP6	D-1
TP10	A-3
TP11	A-6
TP12	B-1
TP13	A-6
TP14	A-6
TP15	B-1
TP16	B-1
TP21	E-5
TP22	H-2
TP23	G-7
TP24	H-2
TP25	G-2
TP26	G-2
TP27	I-2
TP28	H-4
TP29	G-4
TP30	H-4
TP31	G-4
TP32	G-4
TP33	G-4
TP32	H-2
TP35	G-2
TP36	G-2
TP37	H-3
TP38	I-3
TP41	I-3
TP42	J-2
TP43	J-3
TP44	I-3
TP46	J-2
TP47	J-4
TP48	J-4
TP49	J-3
TP50	J-3
TP51	J-3
TP53	J-2
TP54	J-2
TP57	J-2
TP58	K-4
TP59	K-3
TP60	J-5
TP61	K-5
TP63	I-2
TP70	C-2
TP71	E-1
TP73	E-2
TP74	G-2
TP82	E-1
TP84	E-1
TP85	H-2
TP90	A-3
TPE1	B-7
TPE2	A-4
TPE3	E-3
TPE4	K-7
TPE5	E-2

SH-34 (1/3) BOARD

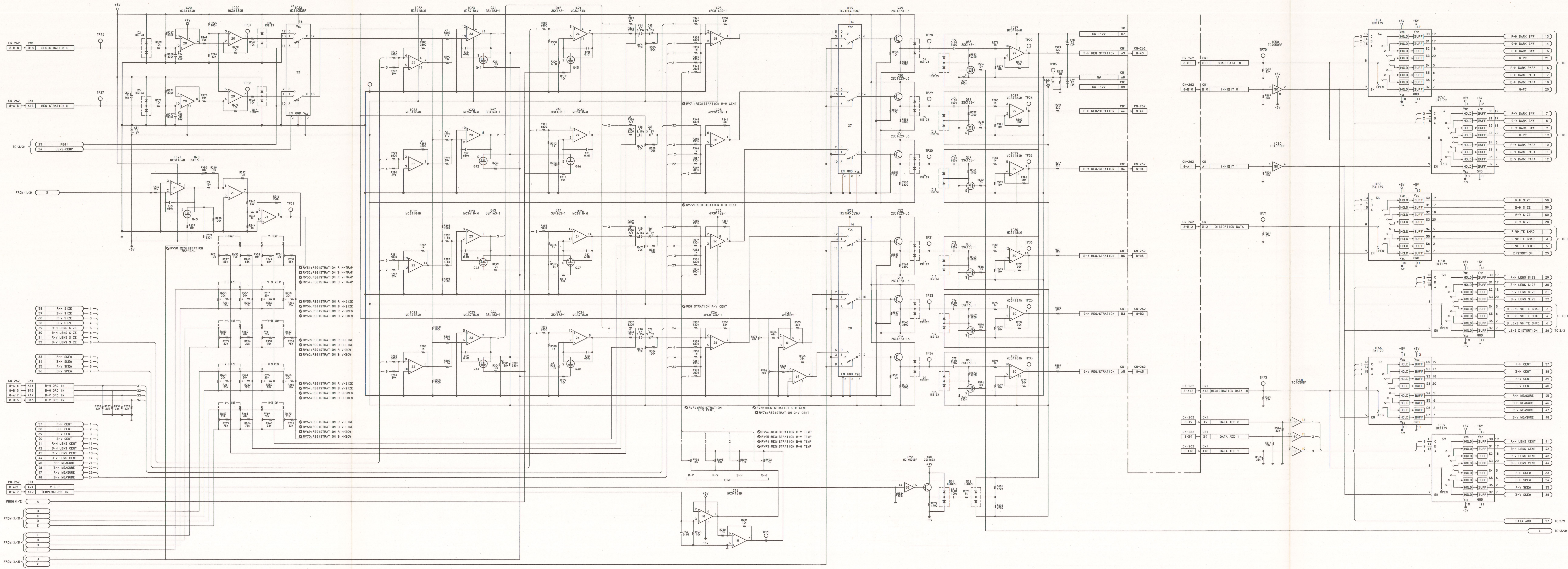
FROM 2/3
R WHITE SHADE
R LENS WHITE SHADE
G WHITE SHADE
G LENS WHITE SHADE
B WHITE SHADE
B LENS WHITE SHADE
R-WHITE-SHADE
G-WHITE-SHADE
B-WHITE-SHADE
GAIN SELECT 0
GAIN SELECT 1
GAIN SELECT 2
P-BLK
TEST ON/OFF
V-DEF
H-DEF
IRIS GATE OUT
TO 3/3
R DARK SHADE
G DARK SHADE
B DARK SHADE
TO 2/3
TO (2/3), (3/3)
C-55
C-56
C-57
C-58
A
B
C
D
E
F
G
H
I
J
K
L
M
1
2
3
4
5
6

*NOTE

MARKE	REF No.	CHANGE INFORMATION	REF No.
*1	IC16 IC17	TC4052BF → MC14052BF	10401-

SH-34 (1/3) BOARD
HDC-300

SH-34 (2/3) BOARD


FROM (1/3)
TO (1/3)
TO (3/3)
CN1
CN-262
REGISTRATION R
REGISTRATION B
TEMPERATURE IN
DATA ADD
HOLD
BUFF
OPEN

*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	R285 R286	1K → 3300	10108-
	R317 R321	39K → 13K	
	R323 R326 R330 R333	8200 → 27K	
*2	C54 C55	10 10V → 10 16V	10201-
	R289 R292	270K → 91K	
	R306	47K → 150K	
*3	IC33	TC4053BFHB → MC14053BF	10401-

SH-34 (2/3) BOARD

SH-34 (3/3) BOARD

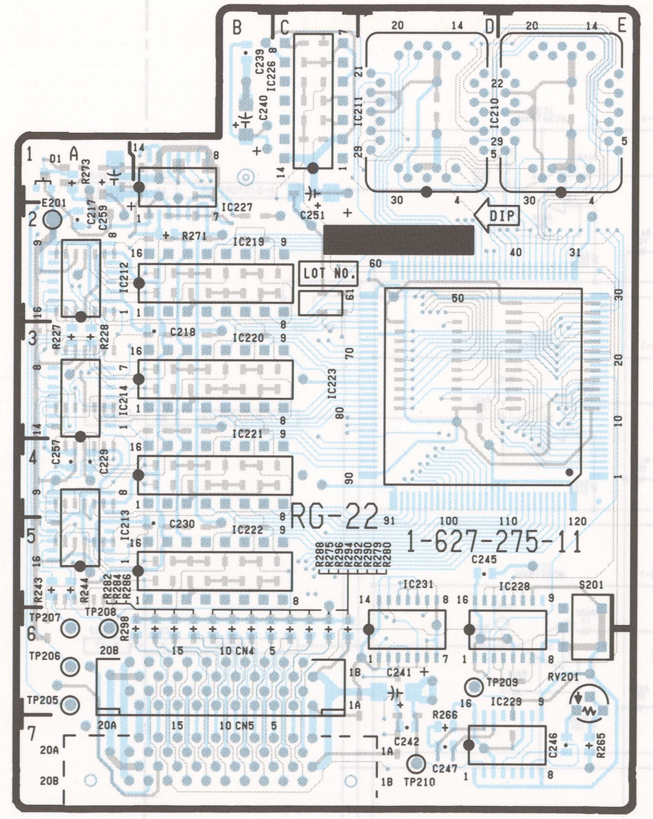
LENS DISTORTION
DISTORTION
FROM 2/3
DIST
TEST TIMING
CHU TEST OUT
FROM 1/3
TO 1/3
H-DISTORTION
V-DISTORTION
D-FOCUS
R-FOCUS
B-FOCUS
W-FOCUS
SH-SW DATA
DATA ADD
FROM 2/3
DIST
RESI
LENS COMP
TO 2/3
LENS-F P-SET
TRACKER ON/OFF
PGM MIX ON/OFF
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I
J
K
L
M

SH-34 (3/3) BOARD

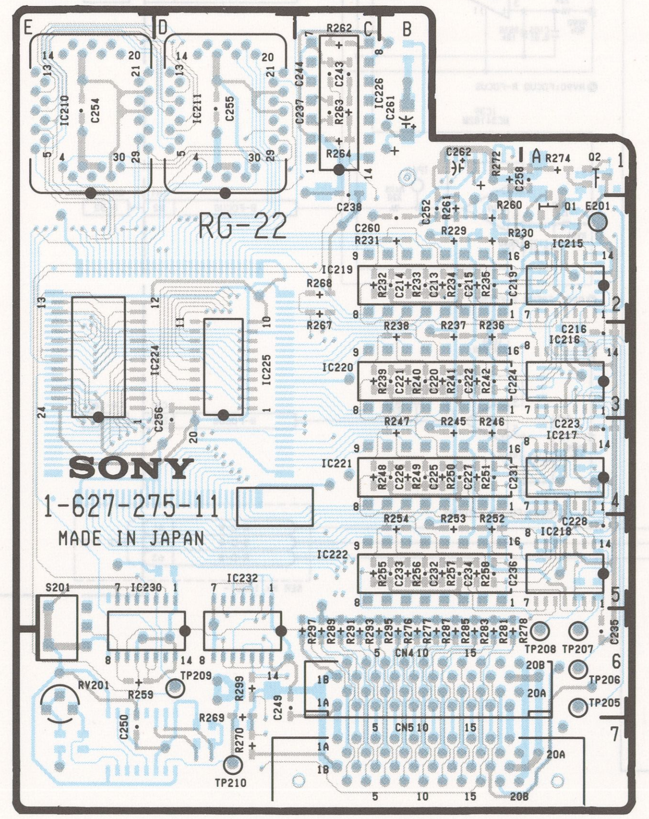
*NOTE

MARKE	REF No	CHANGE INFORMATION	SER No.
*1	C210	ADD	10101-
*2	IC36	uPC4062G2 → uPC814G2	10201-
	R390	470 → 470K	
	RV34 RV35 RV36	1K → 10K	
*3	IC37	TC4053BFHB → MC14053BF	10401-

RG-22 BOARD Serial No. 10001 – 10120

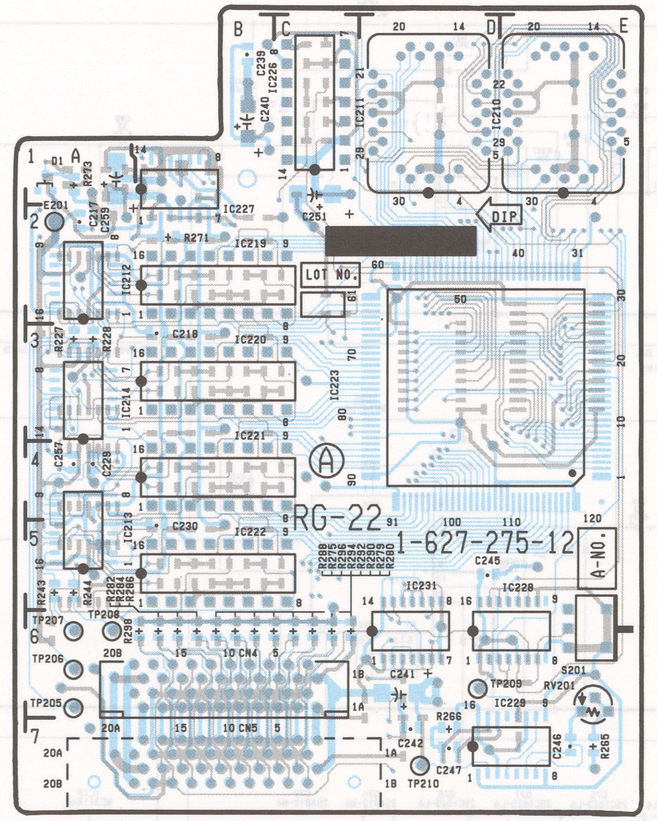

RG-22
1-627-275-11

1-627-275-11 COMPONENT SIDE

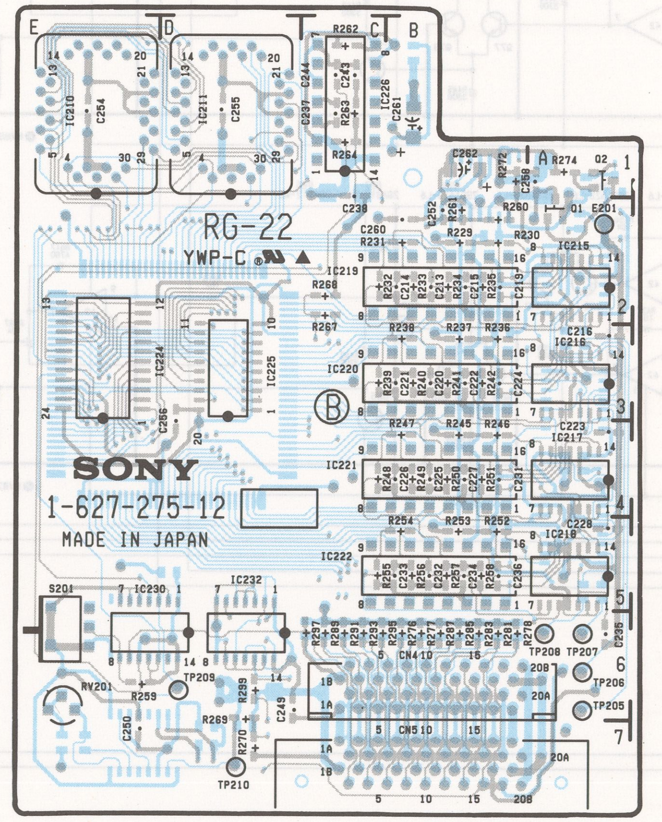

RG-22
SONY
1-627-275-11
MADE IN JAPAN

RG-22	1-627-275-11
CN4	B-6
CN5	B-7
CN410	B-6
CN510	B-7
D1	A-1
E201	A-2
IC210	E-1
IC211	D-1
IC212	A-2
IC213	A-5
IC214	A-3
IC215	A-2
IC216	A-3
IC217	A-4
IC218	A-5
IC219	B-2
IC219	C-2
IC220	B-3
IC221	B-4
IC222	B-5
IC223	C-3
IC224	E-3
IC225	D-3
IC226	C-1
IC227	B-1
IC228	E-6
IC230	E-6
IC231	D-6
IC232	D-6
Q1	A-2
Q2	A-1
RV201	E-6
S201	E-6
TP205	A-6
TP206	A-6
TP207	A-6
TP208	A-6
TP209	D-6
TP210	D-7

RG-22 BOARD Serial No. 10201 – 10310

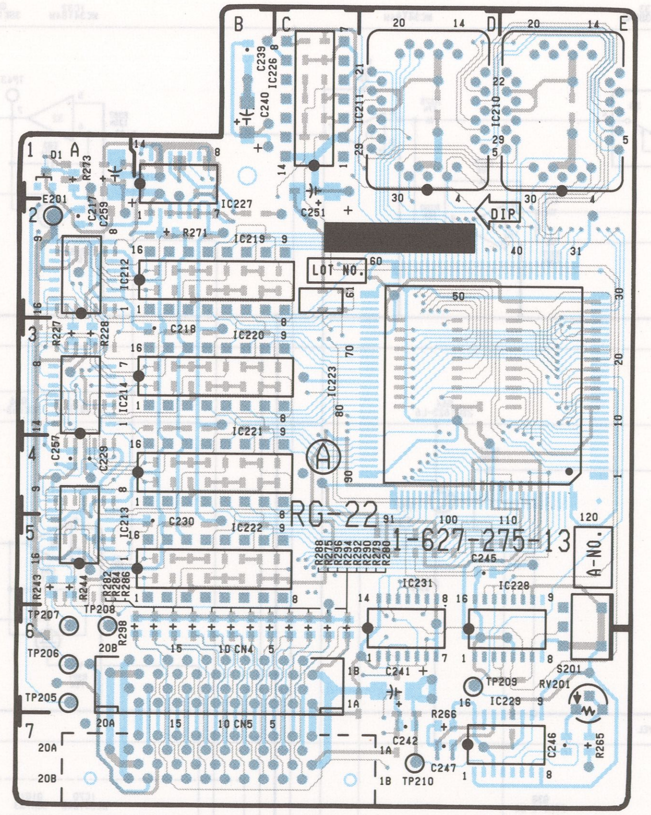

RG-22
1-627-275-12
Ⓐ

1-627-275-12 COMPONENT SIDE

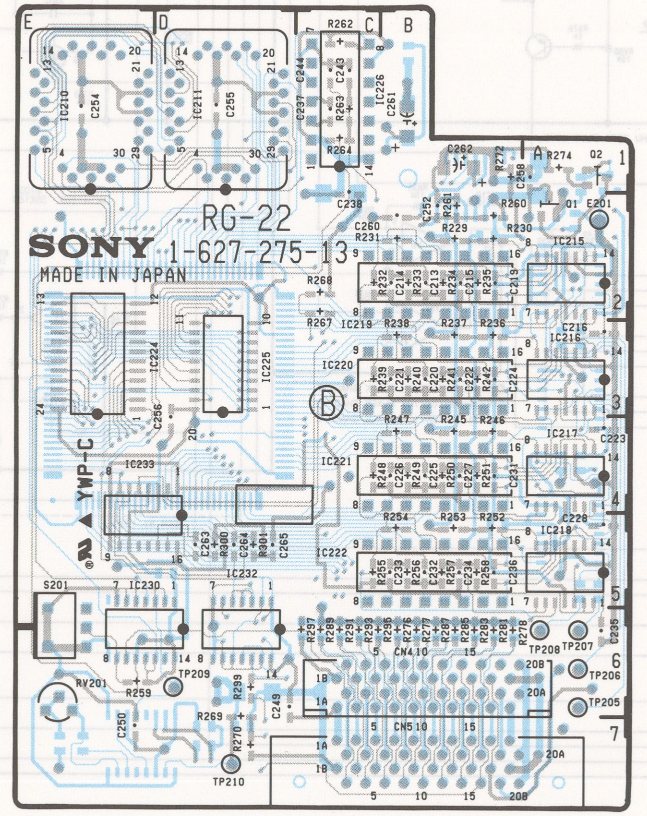

RG-22
YMP-C
Ⓑ
SONY
1-627-275-12
MADE IN JAPAN

RG-22	1-627-275-12
CNI210	D-1
CNI211	D-1
CN4	B-6
CN5	B-7
D1	A-1
E201	A-1
IC212	A-2
IC213	A-5
IC214	A-3
IC215	A-2
IC216	A-3
IC217	A-4
IC218	A-5
IC219	B-2
IC220	B-3
IC221	B-3
IC222	B-5
IC223	C-3
IC224	D-3
IC225	D-3
IC226	B-1
IC227	B-2
IC228	E-5
IC229	E-6
IC230	E-5
IC231	D-5
IC232	D-5
Q1	A-2
Q2	A-1
RV201	E-6
S201	E-6
TP205	A-6
TP206	A-6
TP207	A-6
TP208	A-6
TP209	E-6
TP210	D-7

RG-22 BOARD Serial No. 10401 –

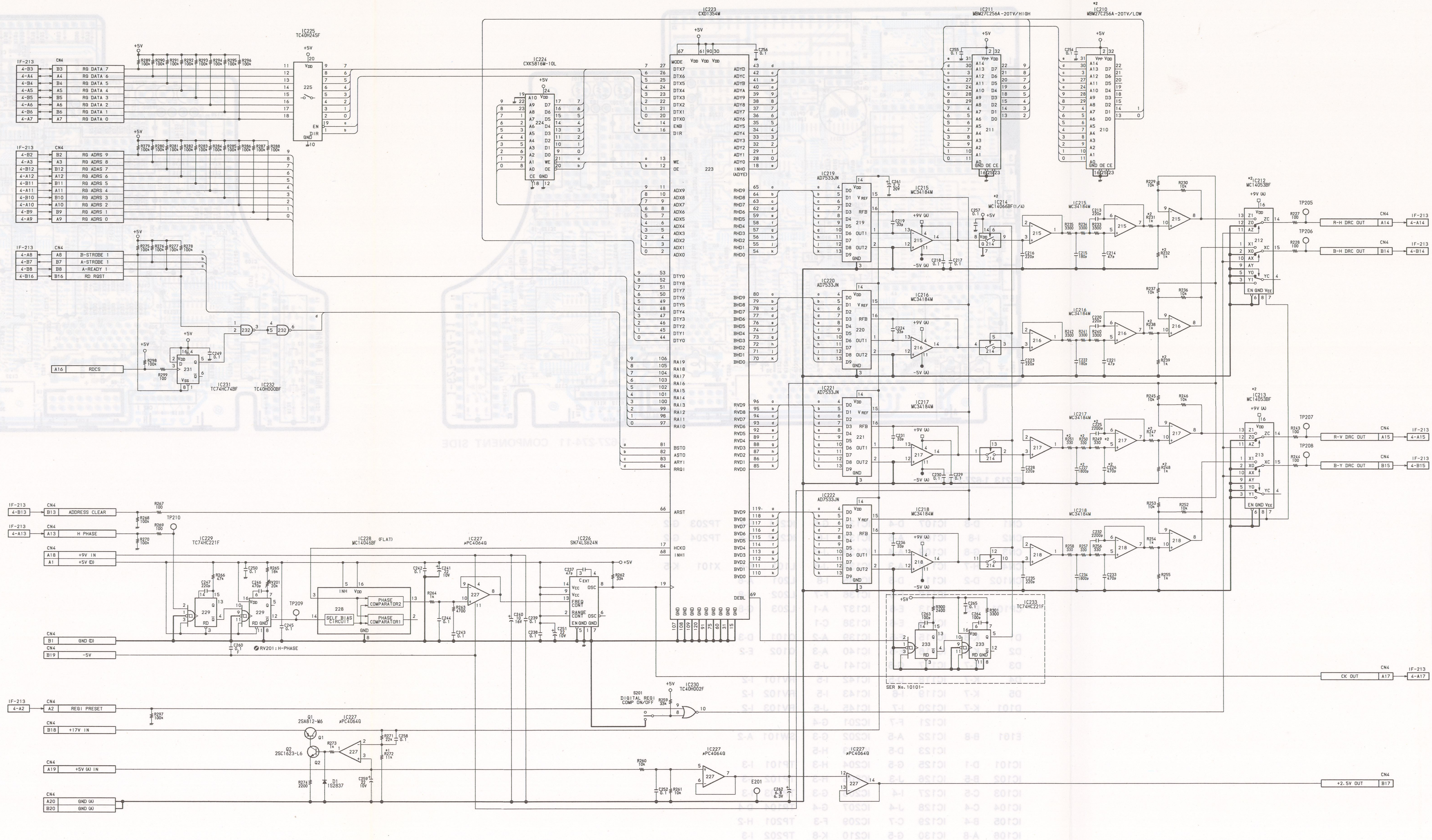

RG-22
1-627-275-13
Ⓐ

1-627-275-13 COMPONENT SIDE


RG-22
SONY
1-627-275-13
MADE IN JAPAN
YMP-C
Ⓑ

RG-22	1-627-275-13
CNI210	D-1
CNI211	D-1
CN4	B-6
CN5	B-7
D1	A-1
E201	A-1
IC212	A-2
IC213	A-5
IC214	A-3
IC215	A-2
IC216	A-3
IC217	A-4
IC218	A-5
IC219	B-2
IC220	B-3
IC221	B-3
IC222	B-5
IC223	C-3
IC224	D-3
IC225	D-3
IC226	B-1
IC227	B-2
IC228	E-5
IC229	E-6
IC230	E-5
IC231	D-5
IC232	D-5
Q1	A-2
Q2	A-1
RV201	E-6
S201	E-6
TP205	A-6
TP206	A-6
TP207	A-6
TP208	A-6
TP209	E-6
TP210	D-7

RG-22 BOARD


IF-213
CN4
RG DATA 7
RG DATA 6
RG DATA 5
RG DATA 4
RG DATA 3
RG DATA 2
RG DATA 1
RG DATA 0
RG ADRS 9
RG ADRS 8
RG ADRS 7
RG ADRS 6
RG ADRS 5
RG ADRS 4
RG ADRS 3
RG ADRS 2
RG ADRS 1
RG ADRS 0
B-STROBE 1
A-STROBE 1
A-READY 1
RD RQST
RDCS
IC225 TC40H245F
IC224 CXK5816M-10L
IC223 CXD1354Q
IC211 MBM27C256A-20TV/HIGH
IC210 MBM27C256A-20TV/LOW
IC231 TC74HC74BF
IC232 TC40H000BF
IC219 AD7533JN
IC220 AD7533JN
IC221 AD7533JN
IC222 AD7533JN
IC215 MC34184M
IC216 MC34184M
IC217 MC34184M
IC218 MC34184M
IC214 MC14066BF(1/4)
IC212 MC14053BF
IC213 MC14053BF
TP205
TP206
TP207
TP208
R-H DRC OUT
B-H DRC OUT
R-V DRC OUT
B-Y DRC OUT
4-A14
4-B14
4-A15
4-B15
ADDRESS CLEAR
H PHASE
+9V IN
+5V (D)
GND (D)
-5V
TP210
TP209
IC229 TC74HC221F
IC228 MC14046BF (FLAT)
IC227 μPC4064G
IC226 SN74LS624N
SELF BIAS CIRCUIT
PHASE COMPARATOR1
PHASE COMPARATOR2
RV201 : H-PHASE
IC233 TC74HC221F
SER No. 10101-
CK OUT
4-A17
S201 DIGITAL REG1 COMP ON/OFF
IC230 TC40H002F
REG1 PRESET
+17V IN
+5V (A) IN
GND (A)
Q1 2SA812-M6
Q2 2SC1623-L6
D1 1S2837
E201
+2.5V OUT
B17

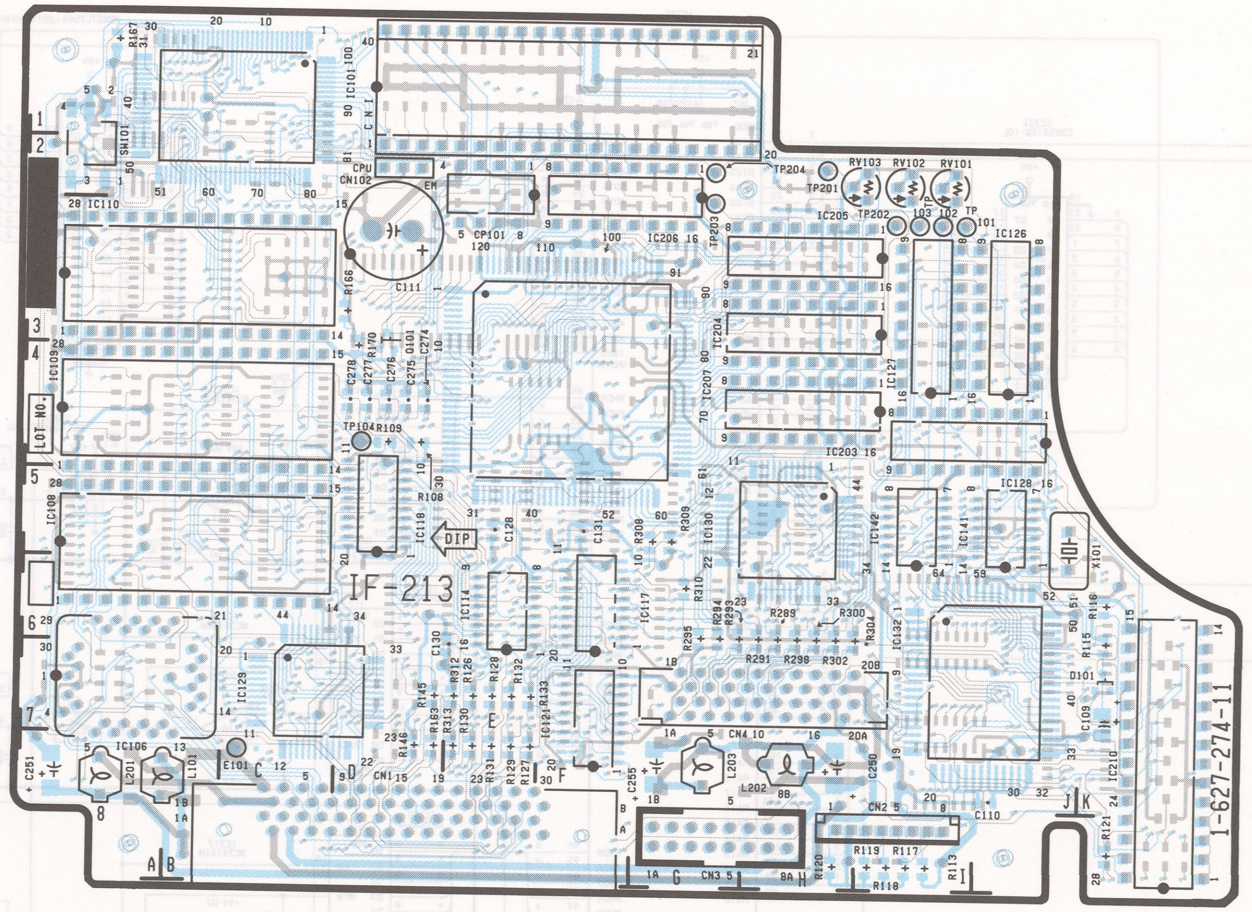
*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	R272	22K → 11K	10101-
*2	C225	220P → 2200P	10301-
	C226	47P → 470P.	
	C227	180P → 1800P	
	R231 R232 R238 R239 R247 R248	10K → 1K	
	R249 R250 R251	3300 → 330	

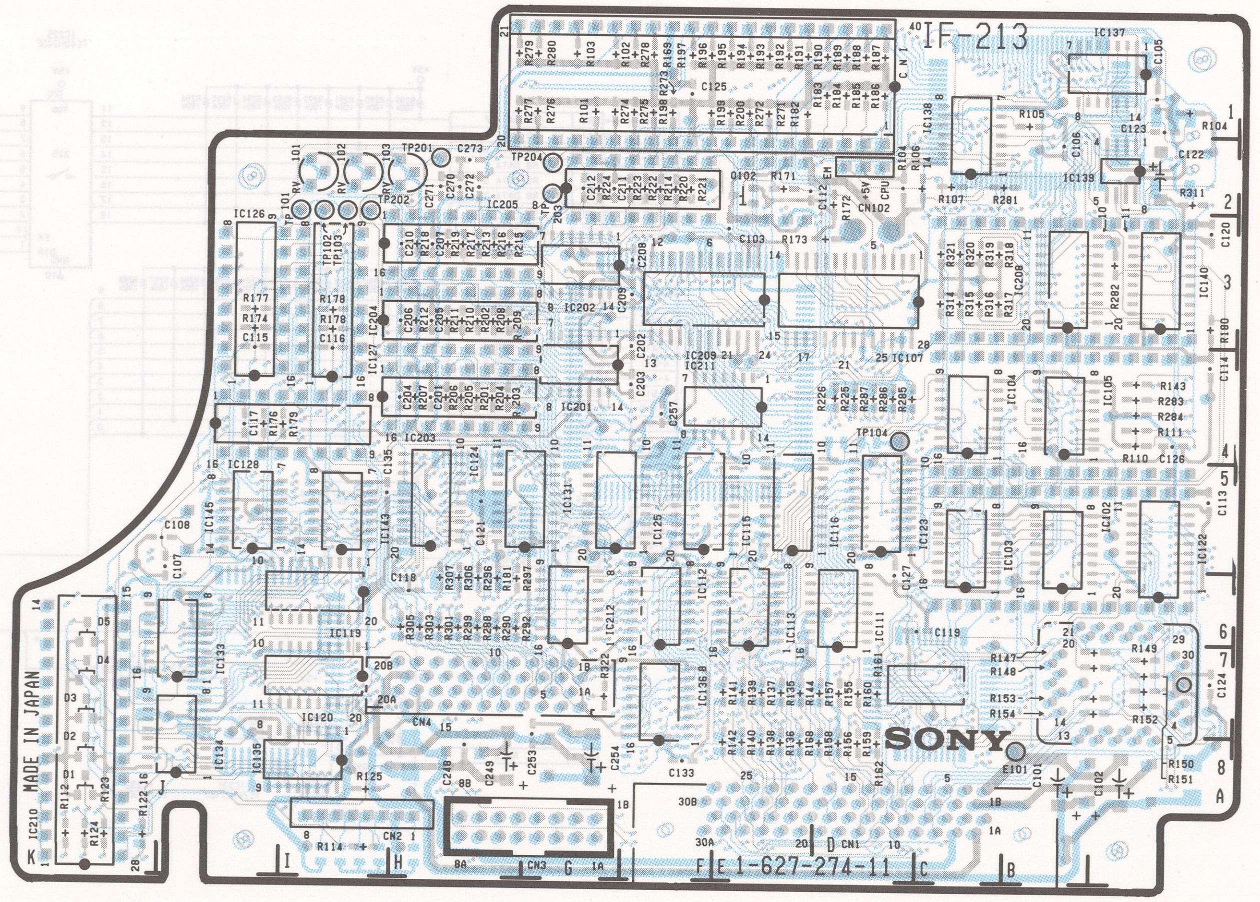
RG-22 BOARD

IF-213 BOARD

Serial No. 10001 – 10120



1-627-274-11 COMPONENT SIDE



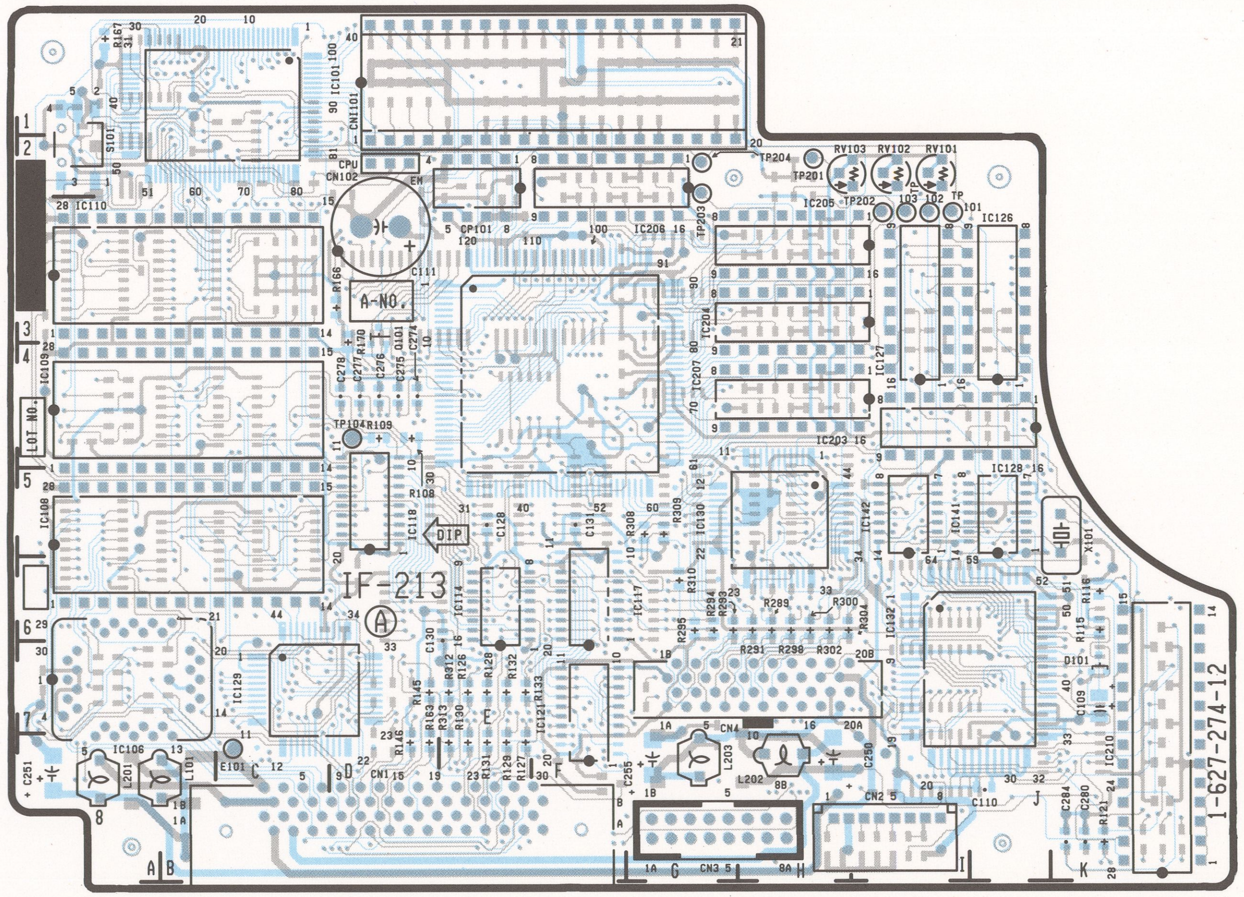
1-627-274-11 SOLDERING SIDE

IF-213 1-627-274-11

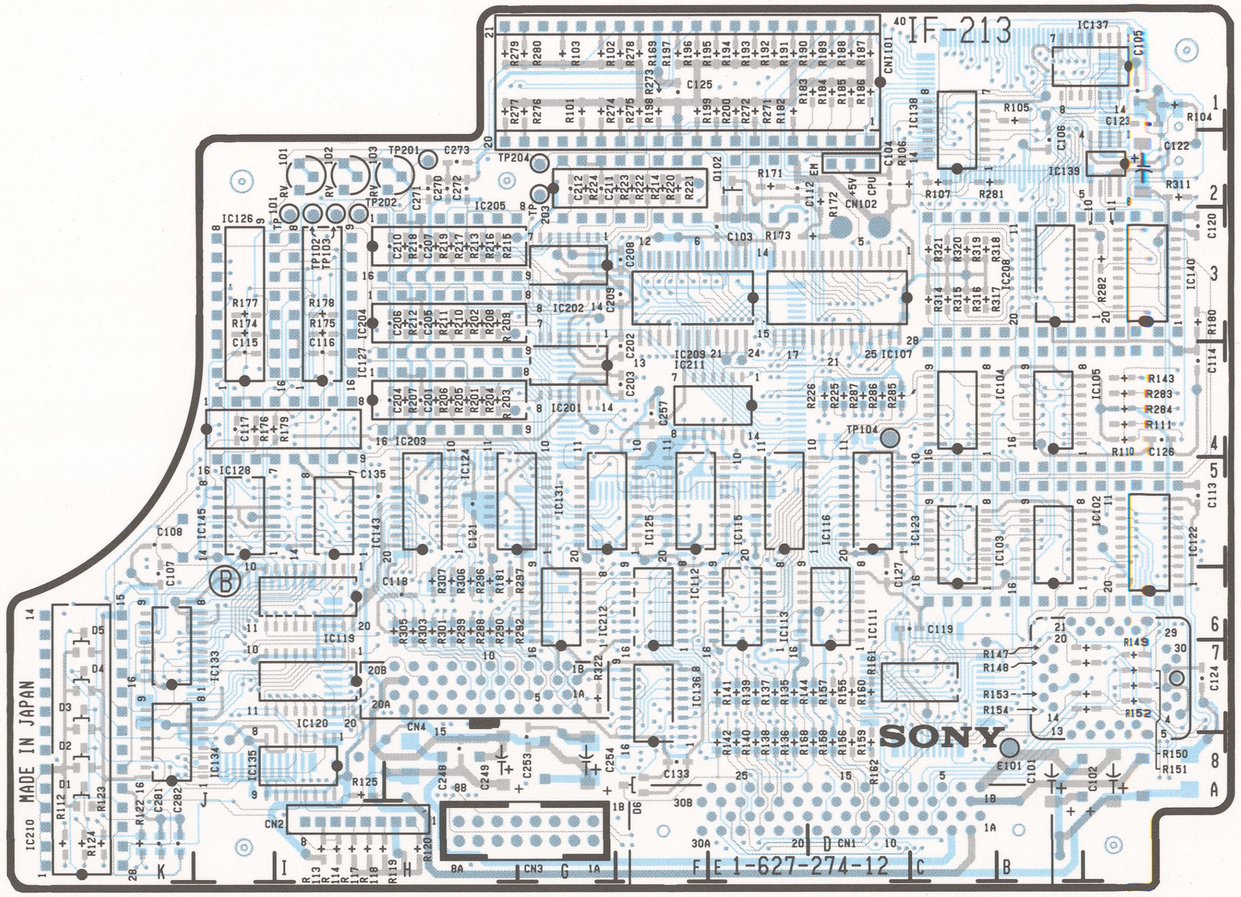
CN1	D-8
CN2	I-8
CN3	G-8
CN4	H-7
CN102	D-2
CP101	E-3
D1	K-8
D2	K-8
D3	K-7
D4	K-7
D5	K-7
D101	K-7
E101	B-8
IC101	D-1
IC102	B-5
IC103	C-5
IC104	C-4
IC105	B-4
IC106	A-8
IC107	D-4
IC108	A-5
IC109	A-4
IC110	A-3
IC111	D-6
IC112	F-6
IC113	E-6
IC114	E-6
IC115	F-5
IC116	E-5
IC117	G-6
IC118	D-5
IC119	I-6
IC120	I-7
IC121	F-7
IC122	A-5
IC123	D-5
IC125	G-5
IC126	J-3
IC127	I-4
IC128	J-4
IC129	C-7
IC130	G-5
IC131	G-5
IC132	I-6
IC133	J-7
IC134	J-8
IC135	I-8
IC136	F-7
IC137	A-1
IC138	C-1
IC139	A-2
IC140	A-3
IC141	J-5
IC142	I-5
IC143	I-5
IC145	J-5
IC201	G-4
IC202	G-3
IC203	H-5
IC204	H-3
IC205	H-3
IC206	G-3
IC207	G-4
IC209	F-3
IC210	K-8
IC211	F-4
IC212	G-6
L101	B-8
L201	A-8
L202	H-8
L203	G-8
Q101	D-3
Q102	E-2
RV101	I-2
RV102	I-2
RV103	I-2
SW101	A-2
TP101	I-3
TP102	I-3
TP103	I-3
TP104	D-4
TP201	H-2
TP202	I-3
TP203	G-2
TP204	G-2
X101	K-5

IF-213 BOARD

Serial No. 10201 – 10310


IF-213
Ⓐ
1-627-274-12
CN101
CN102
CN2
CN3
CN4
X101
DIP
A-NO.
LOT NO.

1-627-274-12 COMPONENT SIDE


IF-213
Ⓑ
SONY
MADE IN JAPAN
1-627-274-12
CN1
CN2
CN3
CN4

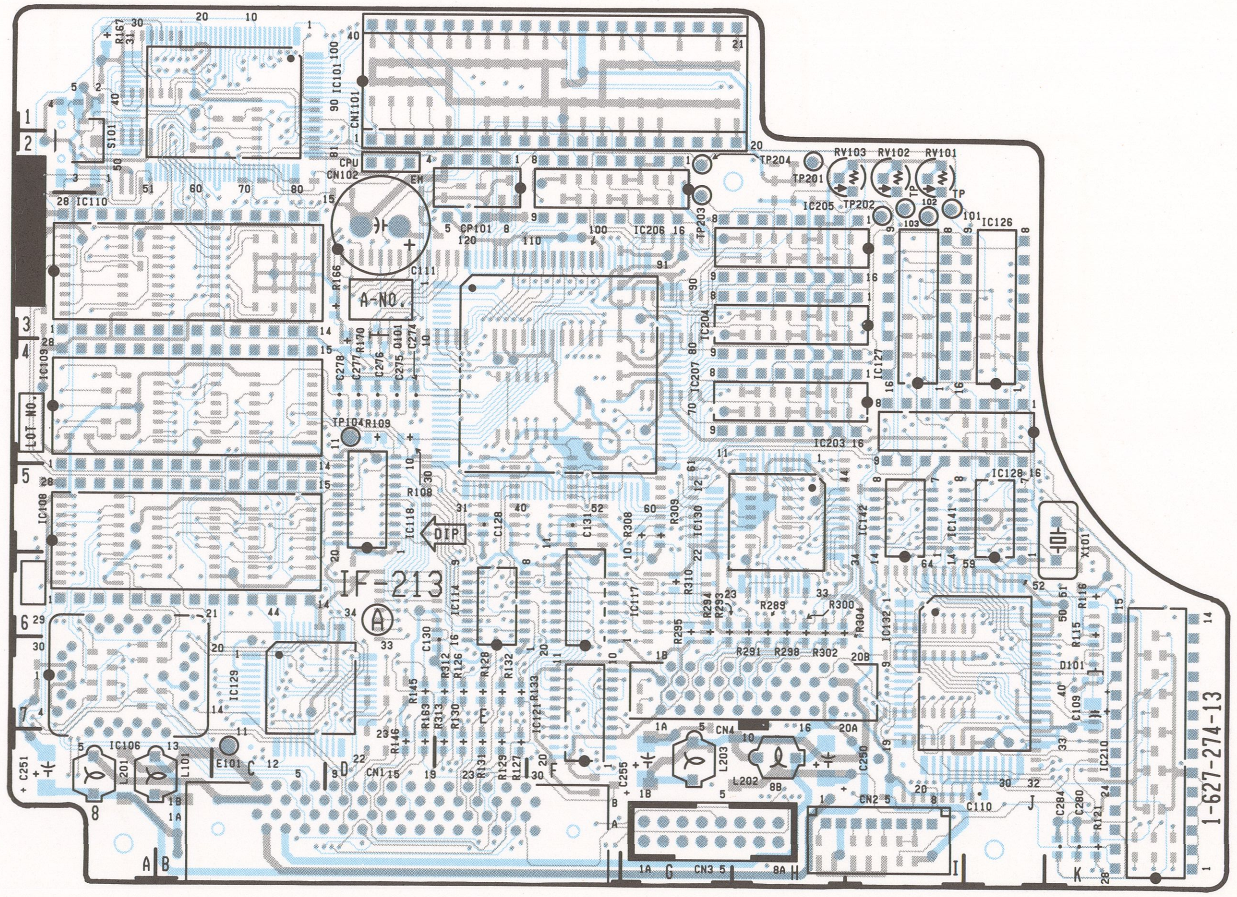
1-627-274-12 SOLDERING SIDE

IF-213 1-627-274-12

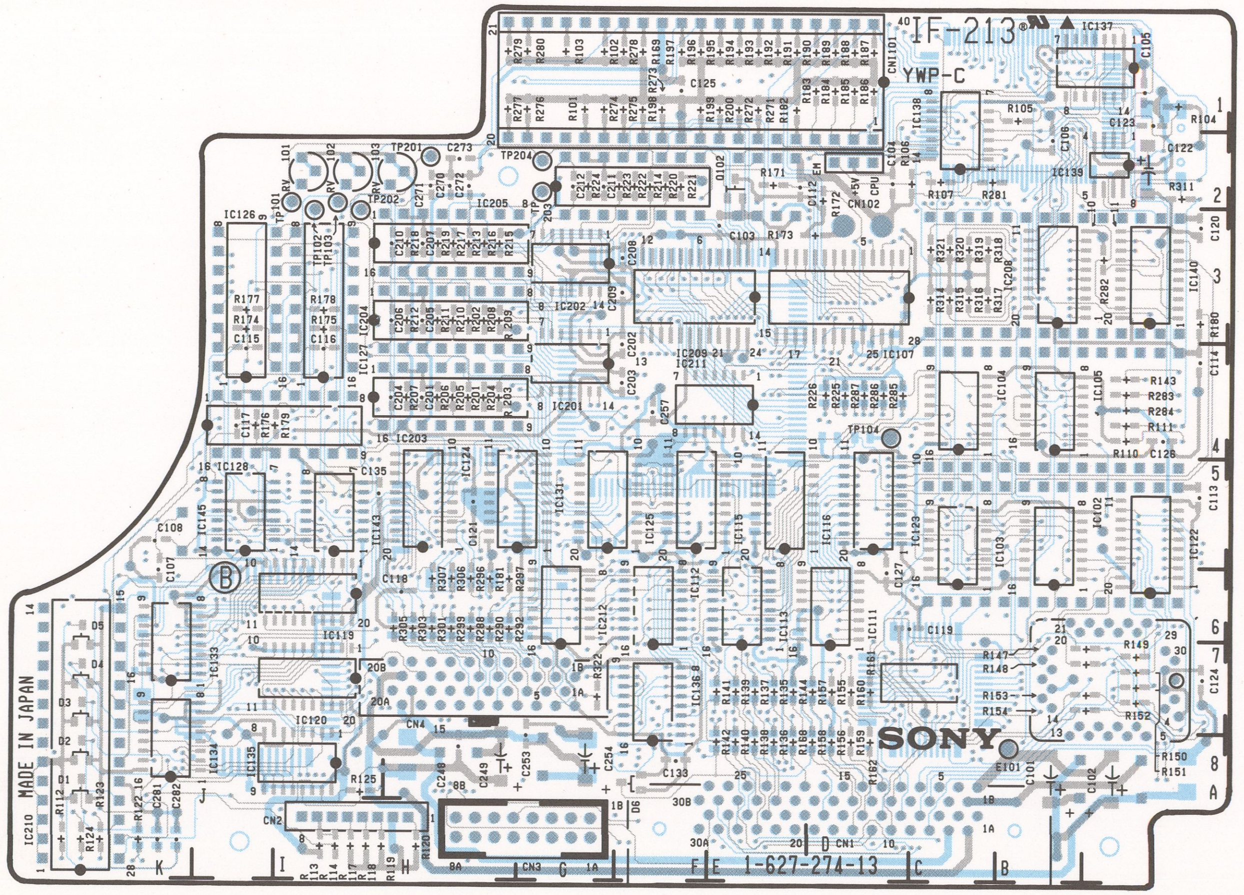
CN1	D-8
CN2	I-8
CN3	G-8
CN4	H-7
CN101	D-1
CN102	D-2
CP101	E-2
D1	K-8
D2	K-8
D3	K-7
D4	K-7
D5	K-7
D6	F-8
D101	K-7
E101	C-8
IC101	C-1
IC102	B-5
IC103	C-5
IC104	C-4
IC105	B-4
IC106	A-7
IC107	D-3
IC108	A-5
IC109	A-4
IC110	A-3
IC111	D-6
IC112	F-6
IC113	E-6
IC114	E-6
IC115	E-5
IC116	E-5
IC117	F-6
IC118	D-5
IC119	I-6
IC120	I-7
IC121	F-7
IC122	A-5
IC123	C-5
IC124	H-5
IC126	J-3
IC127	I-4
IC128	J-5
IC129	C-7
IC130	H-5
IC131	G-5
IC132	I-6
IC133	J-7
IC134	J-8
IC135	J-8
IC136	F-7
IC137	A-1
IC138	C-1
IC139	A-2
IC140	A-3
IC141	J-3
IC142	I-5
IC143	I-5
IC145	J-5
IC201	G-4
IC202	G-3
IC203	I-4
IC204	H-3
IC205	H-3
IC206	G-2
IC207	H-4
IC208	B-3
IC209	F-3
IC210	K-8
IC211	F-4
IC212	G-6
IC125	F-5
L101	B-8
L201	A-8
L202	H-8
L203	G-8
Q101	D-3
Q102	E-2
RV101	I-2
RV102	I-2
RV103	I-2
S101	A-2
TP101	I-3
TP102	I-3
TP103	I-3
TP104	D-4
TP201	H-2
TP202	I-3
TP203	G-2
TP204	G-2
X101	K-5

IF-213 BOARD

Serial No. 10401 –


IF-213
A
A-NO
DIP
CN1
CN2
CN3
CN4
CN101
CN102
1-627-274-13

1-627-274-13 COMPONENT SIDE


IF-213
YWP-C
B
SONY
MADE IN JAPAN
1-627-274-13

1-627-274-13 SOLDERING SIDE

IF-213 1-627-274-13

CN1	D-8
CN2	I-8
CN3	G-8
CN4	H-7
CN101	D-1
CN102	D-2
CP101	E-2
D1	K-8
D2	K-8
D3	K-7
D4	K-7
D5	K-7
D6	F-8
D101	K-7
E101	C-8
IC101	C-1
IC102	B-5
IC103	C-5
IC104	C-4
IC105	B-4
IC106	A-7
IC107	D-3
IC108	A-5
IC109	A-4
IC110	A-3
IC111	D-6
IC112	F-6
IC113	E-6
IC114	E-6
IC115	E-5
IC116	E-5
IC117	F-6
IC118	D-5
IC119	I-6
IC120	I-7
IC121	F-7
IC122	A-5
IC123	C-5
IC124	H-5
IC126	J-3
IC127	I-4
IC128	J-5
IC129	C-7
IC130	H-5
IC131	G-5
IC132	I-6
IC133	J-7
IC134	J-8
IC135	J-8
IC136	F-7
IC137	A-1
IC138	C-1
IC139	A-2
IC140	A-3
IC141	J-3
IC142	I-5
IC143	I-5
IC145	J-5
IC201	G-4
IC202	G-3
IC203	I-4
IC204	H-3
IC205	H-3
IC206	G-2
IC207	H-4
IC208	B-3
IC209	F-3
IC210	K-8
IC211	F-4
IC212	G-6
IC125	F-5
L101	B-8
L201	A-8
L202	H-8
L203	G-8
Q101	D-3
Q102	E-2
RV101	I-2
RV102	I-2
RV103	I-2
S101	A-2
TP101	I-3
TP102	I-3
TP103	I-3
TP104	D-4
TP201	H-2
TP202	I-3
TP203	G-2
TP204	G-2
X101	K-5

IF-213 (1/2) BOARD

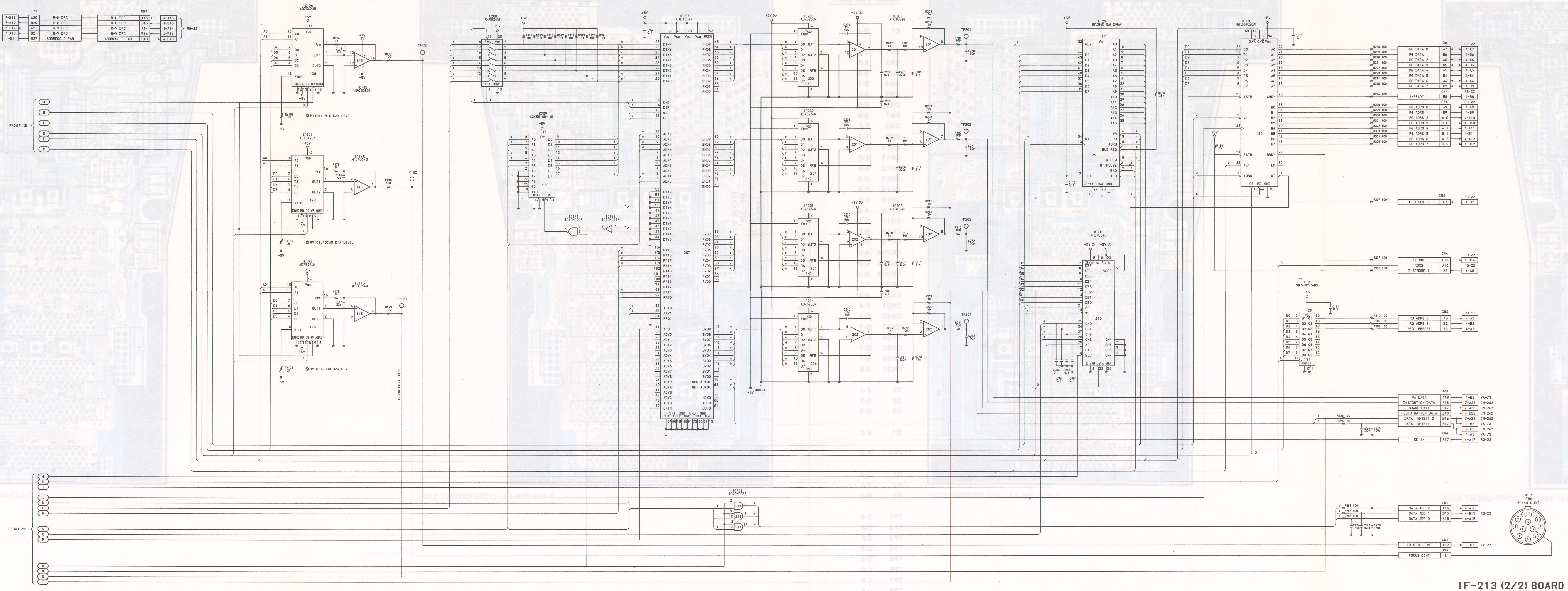
TO (2/2)
TO (2/2)
TO (2/2)
TO (2/2)
1
2
3
4
5
6

*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	IC120-9pin	OPEN → +5V	10201-
*2	IC102, 103, 104, 105	TC74HC138F → SN74HC138NS	10301-
	IC115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125	TC74HC574F → SN74HC574NS	
	IC137	TC74HC74F → SN74HC74NS	
*3	IC133, 134, 135	TC4053BFHB → MC14053BF	10401-

IF-213 (1/2) BOARD

IF-213 (2/2) BOARD

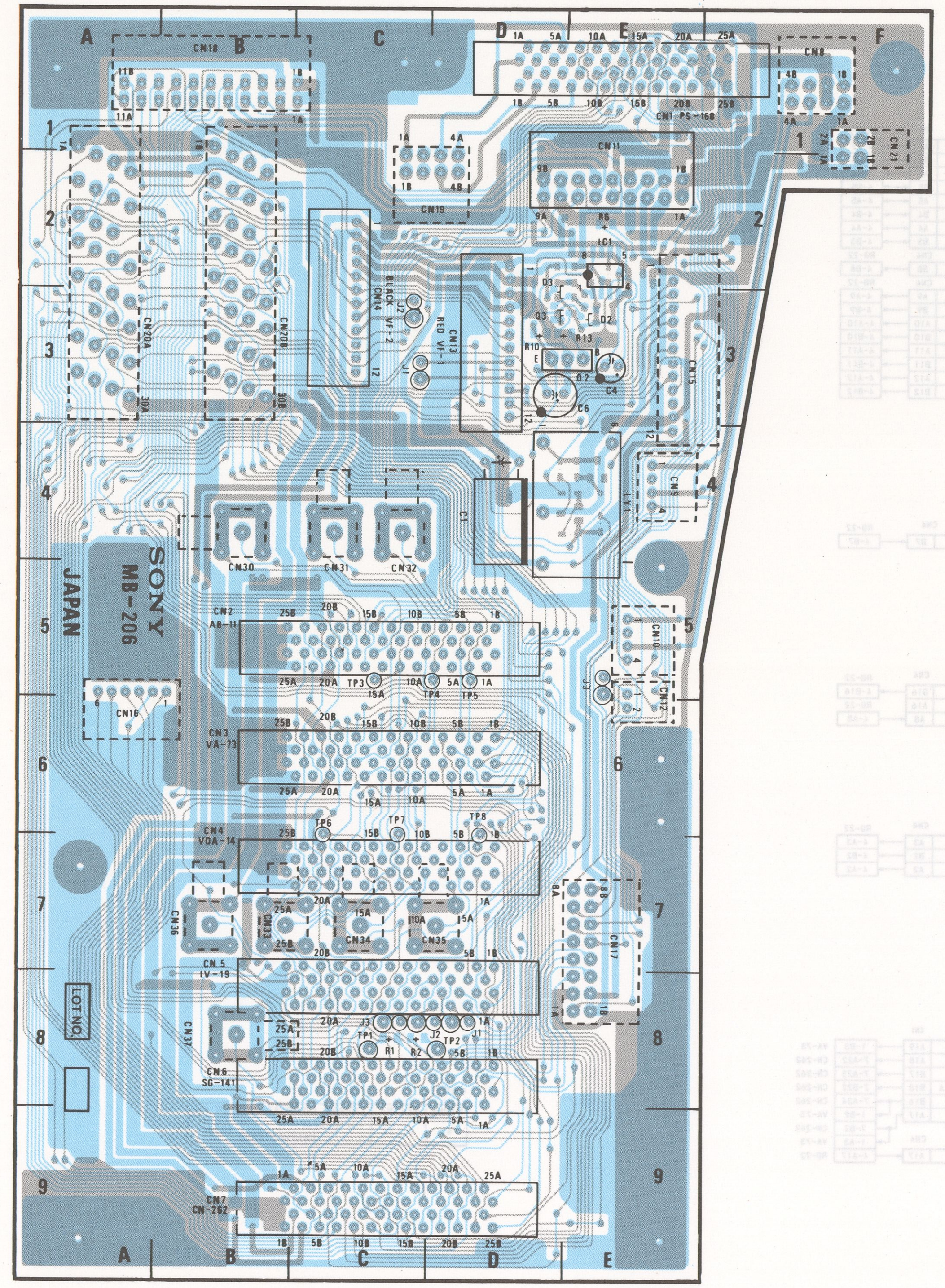

FROM 11/2
RV101 : IRIS D/A LEVEL
RV102 : FOCUS D/A LEVEL
RV103 : ZOOM D/A LEVEL
TP101
TP102
TP103
TP201
TP202
TP203
TP204
A STROBE 1
RD RDST
RDCS
B-STROBE 1
RG ADRS 8
RG ADRS 9
RESI PRESET
VA DATA
DISTORTION DATA
SHADE DATA
REGISTRATION DATA
DATA INHIBIT 0
DATA INHIBIT 1
CK 1K
DATA ADD 2
DATA ADD 1
DATA ADD 0
IRIS IF CONT
FOCUS CONT
RG-22
VA-73
CN-262
1-2

IF-213 (2/2) BOARD

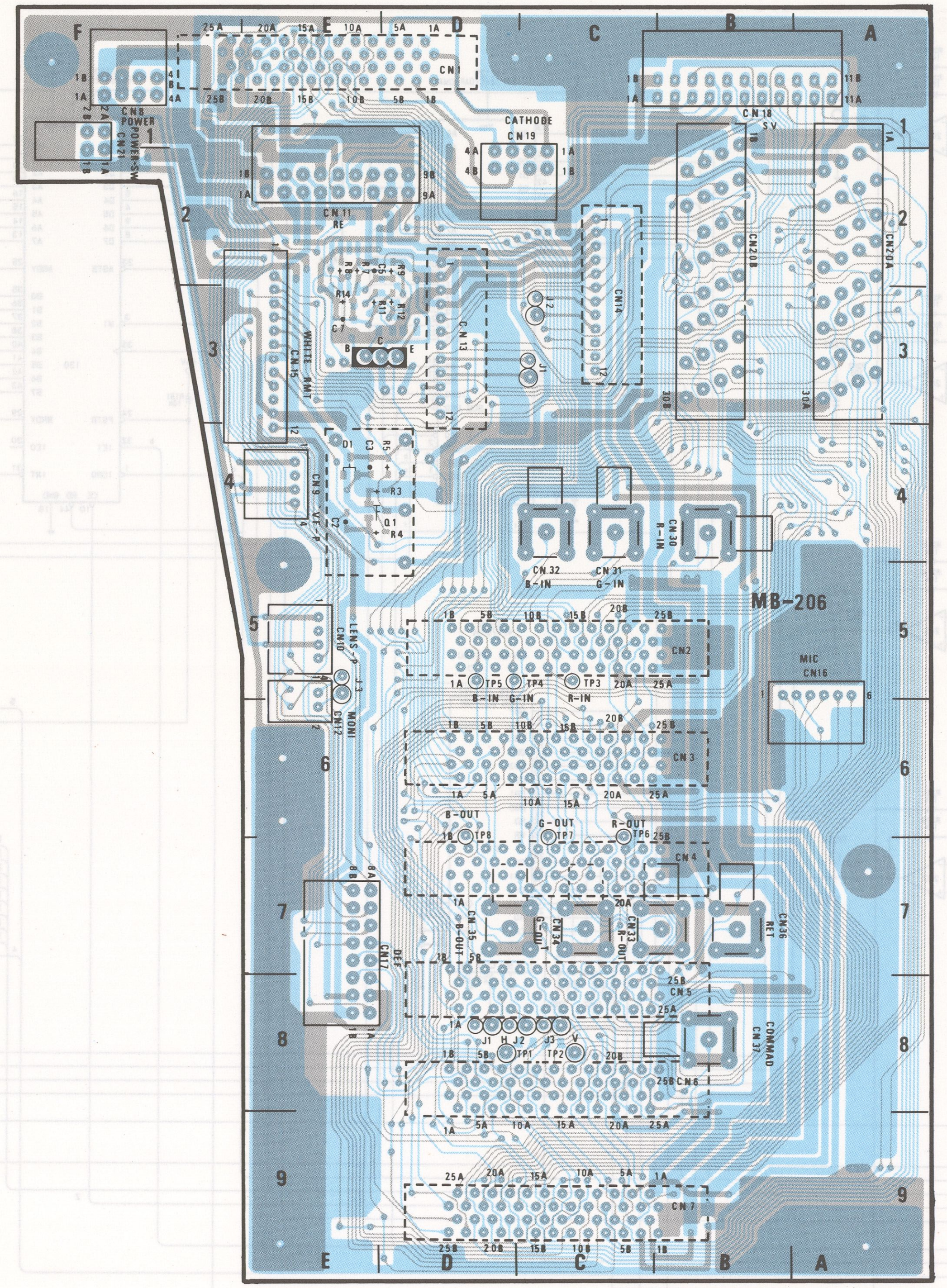
*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	IC131	TC74HC574F → SN74HC574NS	10301-

1
2
3
4
5
6


SONY
MB-206
JAPAN
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

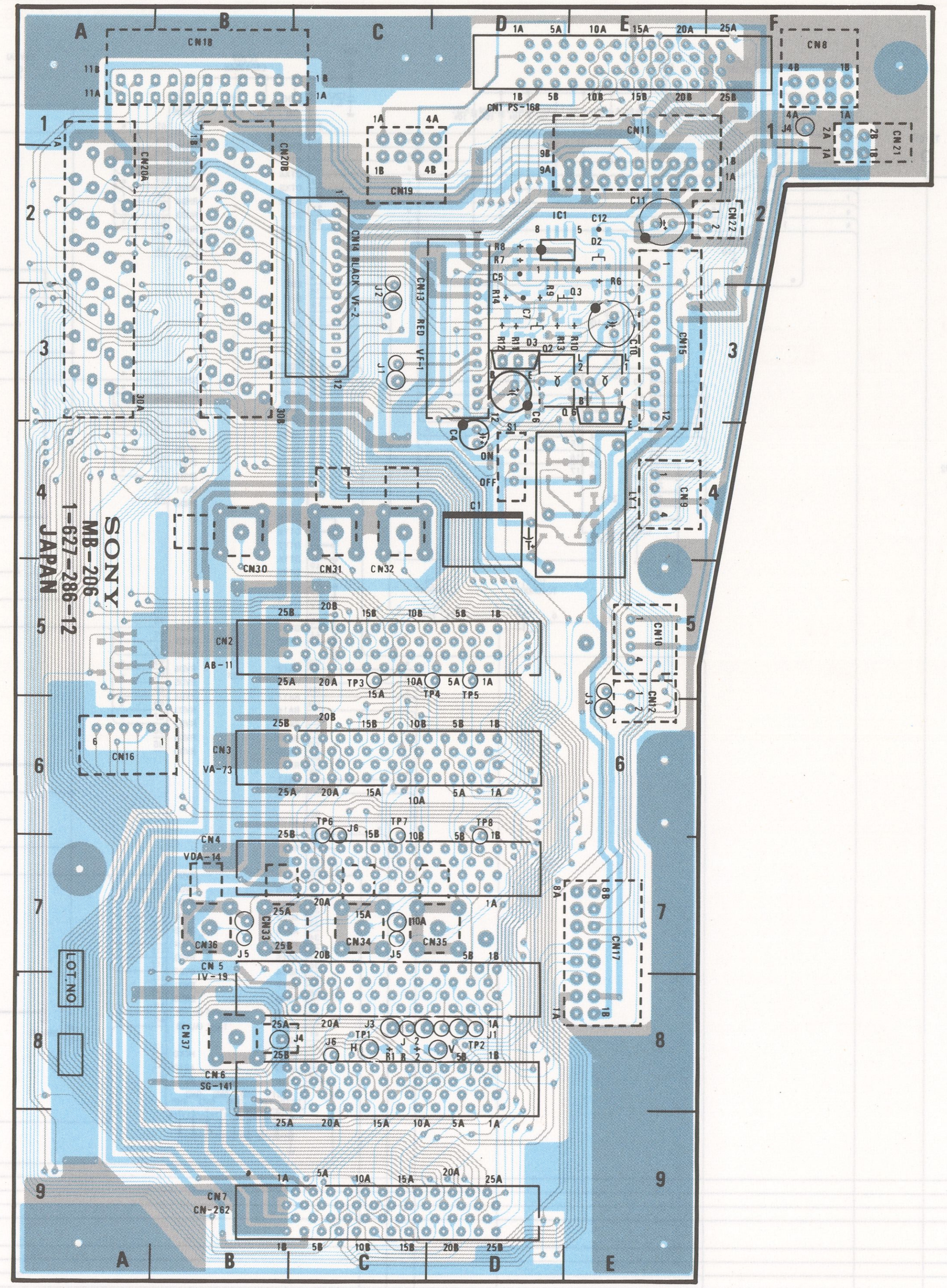
1-627-286-11 COMPONENT SIDE


MB-206
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

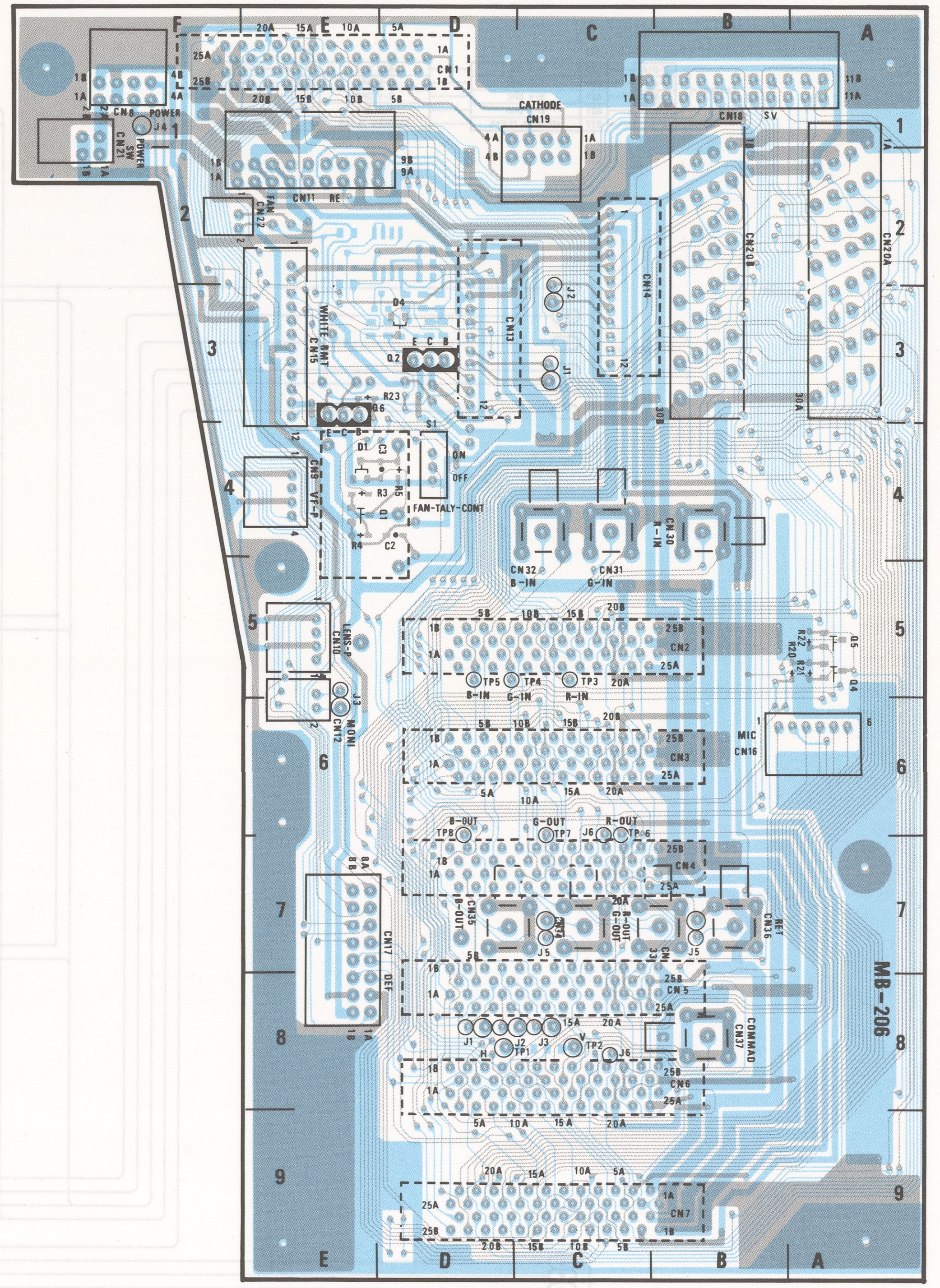
1-627-286-11 SOLDERING SIDE

MB-206 1-627-286-11

C1	D-4
CN1	E-1
CN2	B-5
CN3	B-6
CN4	B-7
CN5	B-8
CN6	B-8
CN7	B-9
CN8	F-1
CN9	E-4
CN10	E-5
CN11	E-2
CN12	E-6
CN13	D-3
CN14	C-3
CN15	E-3
CN16	A-6
CN17	E-7
CN18	B-1
CN19	D-2
CN20A	A-3
CN20B	B-2
CN20B	B-3
CN21	F-1
CN30	B-4
CN31	C-4
CN32	C-4
CN33	B-7
CN34	C-7
CN35	D-7
CN36	B-7
CN37	B-8
D1	E-4
D2	E-3
D3	D-3
IC1	E-2
LV1	E-4
Q1	D-4
Q2	E-3
Q3	D-3
TP1	C-8
TP2	C-8
TP3	C-5
TP4	D-5
TP5	D-5
TP6	C-6
TP7	C-6
TP8	D-6


SONY
MB-206
1-627-286-12
JAPAN
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

1-627-286-12 COMPONENT SIDE


MB-206
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

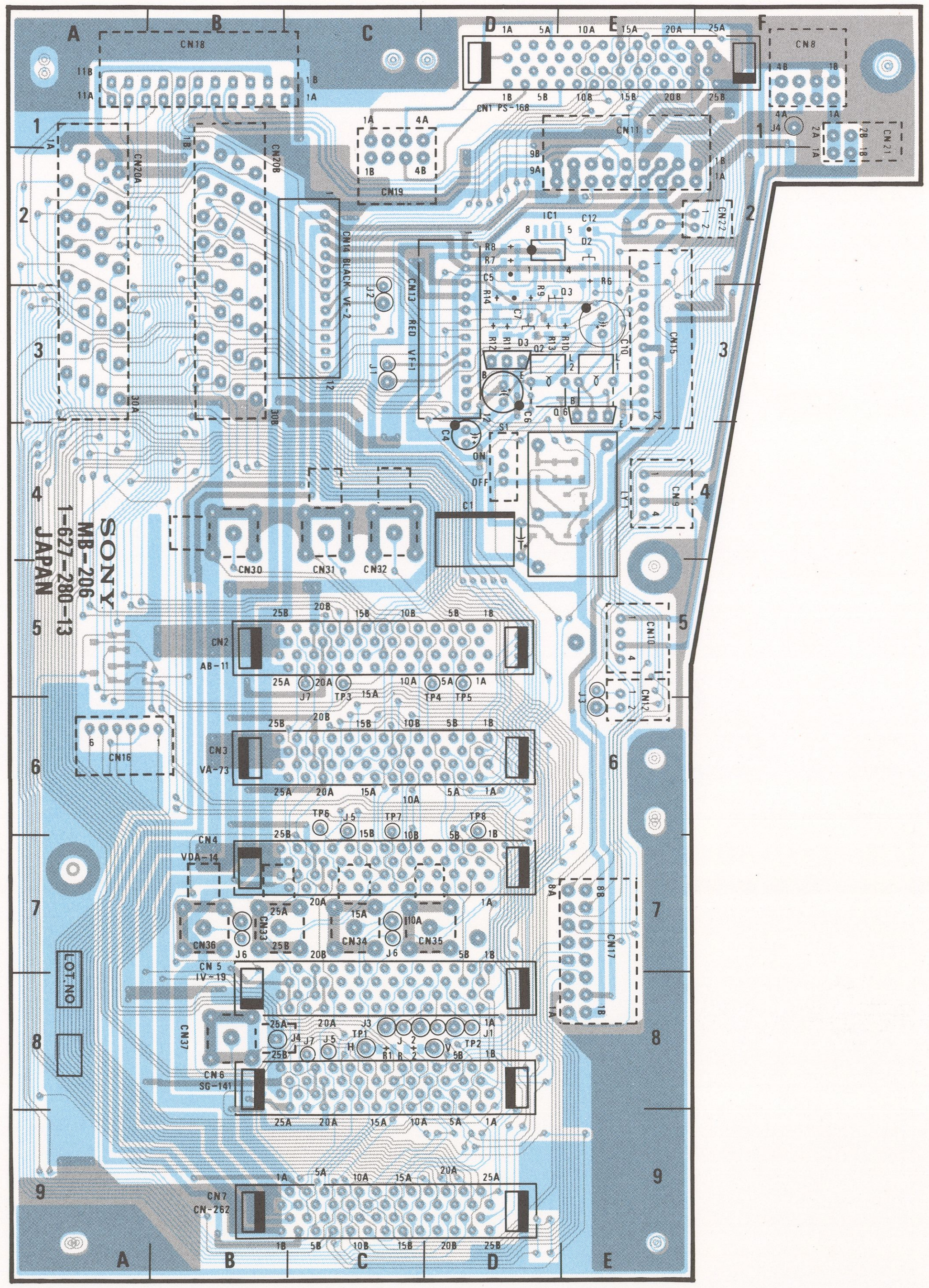
1-627-286-12 SOLDERING SIDE

MB206 1-627-280-12

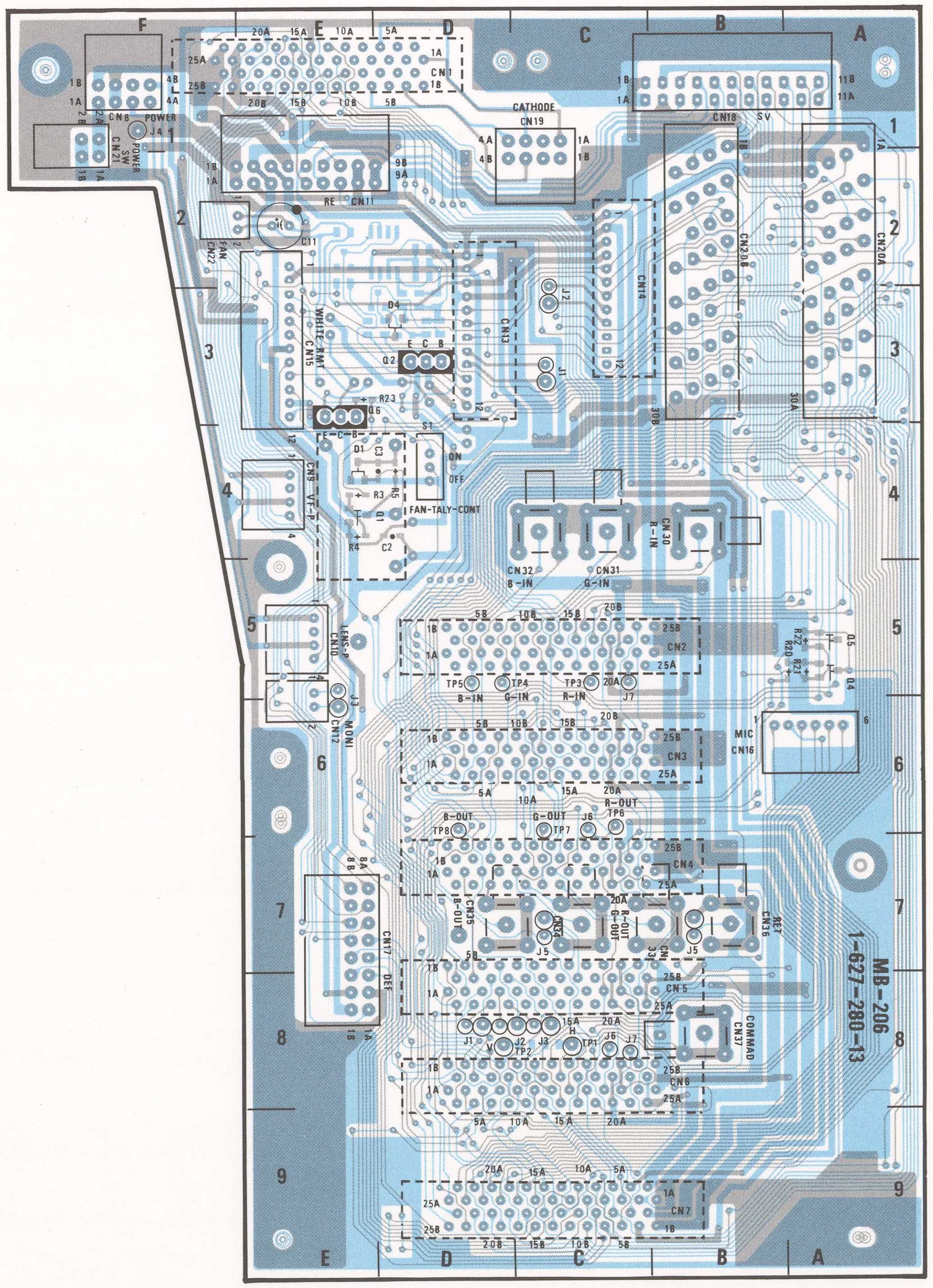
CN1	D-1
CN2	B-5
CN3	B-6
CN4	B-7
CN5	B-7
CN6	B-8
CN7	B-8
CN8	F-1
CN9	E-4
CN10	E-5
CN11	E-2
CN12	E-6
CN13	C-3
CN14	C-2
CN15	E-3
CN16	B-6
CN17	D-7
CN18	B-1
CN19	C-1
CN21	F-1
CN22	E-2
CN30	B-4
CN31	C-5
CN32	C-5
CN33	B-7
CN34	C-7
CN35	D-7
CN36	B-7
CN37	B-8
D1	E-4
D2	E-2
D3	D-3
D4	D-3
IC1	D-2
LY1	E-4
Q1	D-4
Q2	D-3
Q3	E-3
Q4	A-5
Q5	A-5
Q6	E-3
S1	D-4
TP1	C-8
TP2	D-8
TP3	C-5
TP4	D-5
TP5	D-5
TP6	C-6
TP7	C-6
TP8	D-6

MB-206 BOARD

Serial No. 10401 –


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
CN18
CN1 PS-16B
CN8
CN19
CN11
CN20A
CN20B
CN16 BLACK VF-2
CN13 RED VF-1
CN15
CN14
CN21
CN22
CN9
IC1
S1
ON
OFF
CN30
CN31
CN32
CN10
CN12
CN2 AB-11
CN3 VA-73
CN16
CN4 VDA-14
CN33
CN34
CN35
CN36
CN5 IV-19
CN17
CN37
CN6 SG-141
CN7 CN-262
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
SONY
MB-206
1-627-280-13
JAPAN
LOT NO

1-627-280-13 COMPONENT SIDE


F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
CN1
CN8
POWER
CN21
CATHODE CN19
CN18
SV
CN11
CN20B
CN20A
FAN CN22
WHITE RMT CN15
CN13
CN14
Q2
S1
ON
OFF
FAN-TALY-CONT
CN9 VF-1
CN32 B-IN
CN31 G-IN
CN30 R-IN
CN2
CN10
MONI CN12
TP5 B-IN
TP4 G-IN
TP3 R-IN
MIC CN16
CN3
B-OUT
G-OUT
R-OUT
TP6
TP7
TP8
CN4
CN36
CN17 DEF
CN33
CN34
RET CN35
CN5
COMMAND CN37
CN6
CN7
MB-206
1-627-280-13

1-627-280-13 SOLDERING SIDE

MB206 1-627-280-13

CN1	D-1	S1	D-4
CN2	B-5		
CN3	B-6	TP1	D-8
CN4	B-7	TP2	C-8
CN5	B-7	TP3	C-5
CN6	B-8	TP4	D-5
CN7	B-8	TP5	D-5
CN8	F-1	TP6	C-6
CN9	E-4	TP7	C-6
CN10	E-5	TP8	D-6
CN11	E-2		
CN12	E-6		
CN13	C-3		
CN14	C-2		
CN15	E-3		
CN16	B-6		
CN17	D-7		
CN18	B-1		
CN19	C-1		
CN21	F-1		
CN22	E-2		
CN30	B-4		
CN31	C-5		
CN32	C-5		
CN33	B-7		
CN34	C-7		
CN35	D-7		
CN36	B-7		
CN37	B-8		
D1	E-4		
D2	E-2		
D3	D-3		
D4	D-3		
IC1	D-2		
LY1	E-4		
Q1	D-4		
Q2	D-3		
Q3	E-3		
Q4	A-5		
Q5	A-5		
Q6	E-3		

FRAME (1/2)
CN-263 BOARD
IF-213 BOARD
MB-206 BOARD
RG-22 BOARD
SV-107 BOARD
PA-80 BOARD

CN-263
PA-80
CN-263
PA-80
CN-263
PA-80
SV-107
MB-206
RG-22
IF-213
LAMP HOUSE
TO MB-206
CAMERA
FRAME (1/2)
POWER SW
HF POWER
LENS POWER
MB-RE
VF-1
VF-2
REMOTE
MIC
MB-DEF
SV-DEF
LENS
SW-IF
2/2
C-101
C-102
C-103
C-104

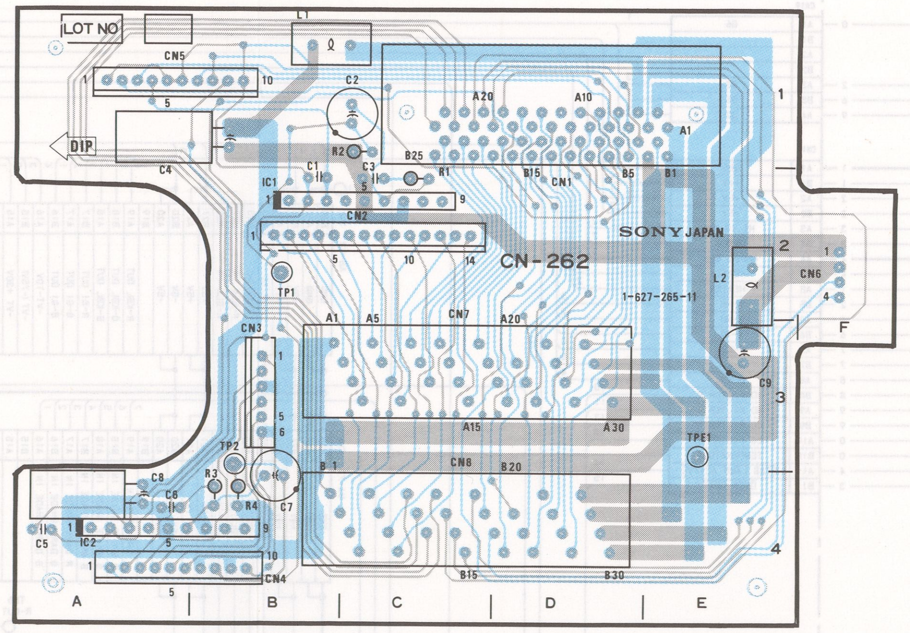
*NOTE

BOARD	REF No.	CHANGE INFORMATION	SER No.
MB-206	R12	470 → 47	10201-

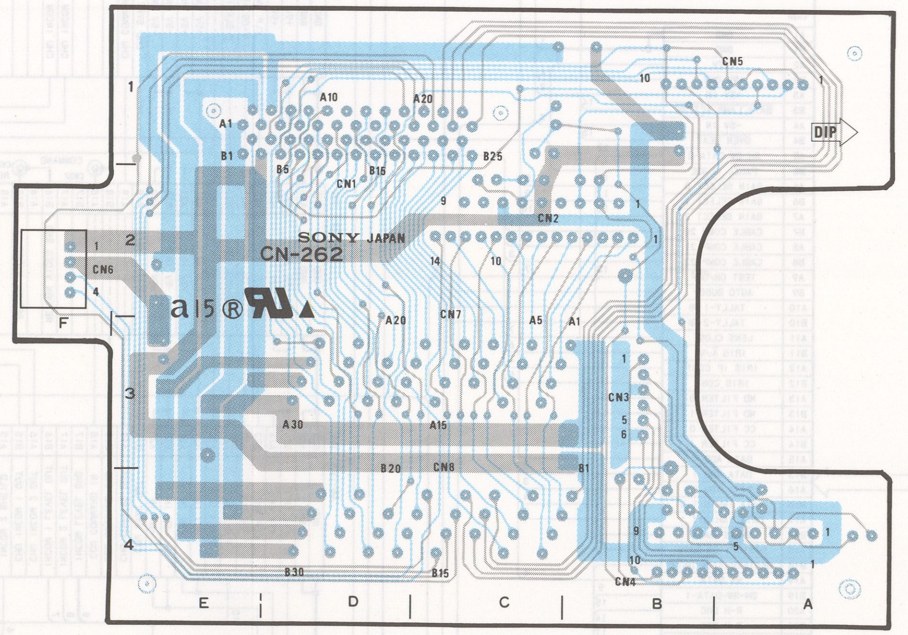
FRAME (1/2)

CN-262 BOARD

Serial No. 10001 – 10120


LOT NO
SONY JAPAN
CN-262
1-627-266-11
A
B
C
D
E

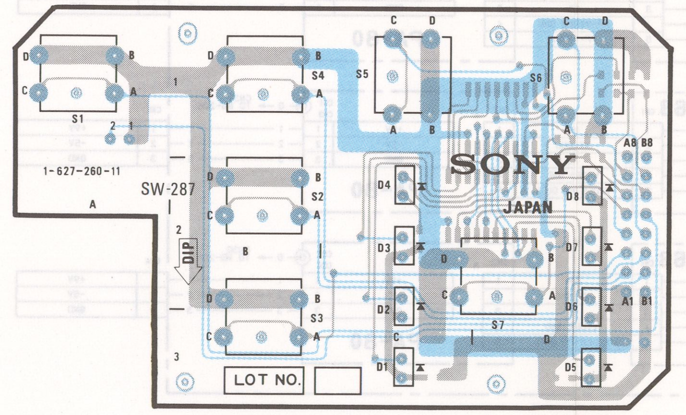
1-627-265-11 COMPONENT SIDE


SONY JAPAN
CN-262
DIP
E
D
C
B
A

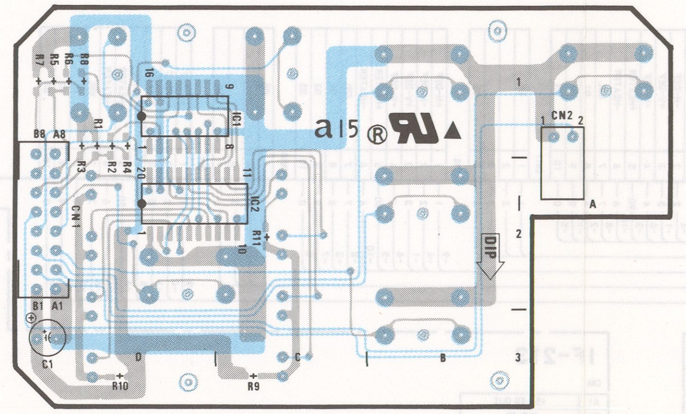
1-627-265-11 SOLDERING SIDE

SW-287 BOARD

Serial No. 10001 – 10120


SONY
JAPAN
SW-287
LOT NO.

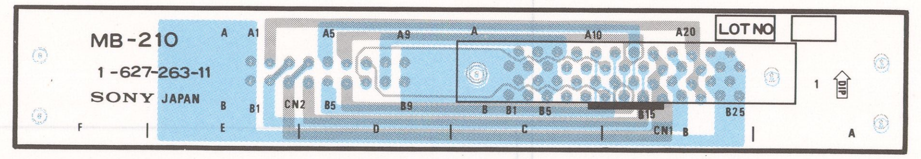
1-627-260-11 COMPONENT SIDE



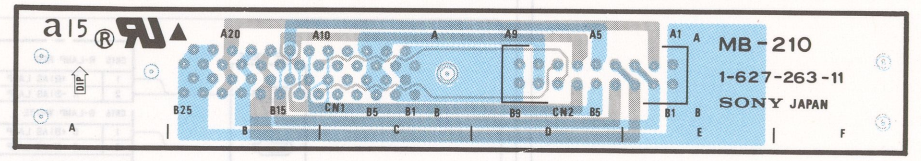
1-627-260-11 SOLDERING SIDE

MB-210 BOARD

Serial No. 10001 – 10120

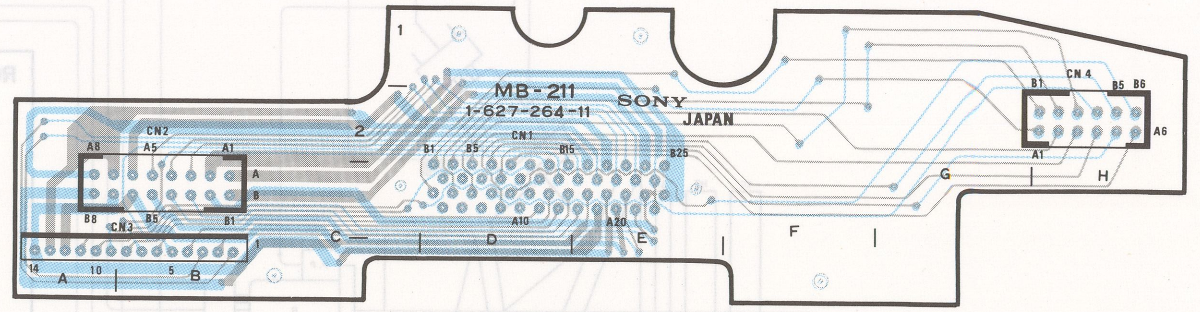

MB-210
1-627-263-11
SONY JAPAN
LOT NO

1-627-263-11 COMPONENT SIDE

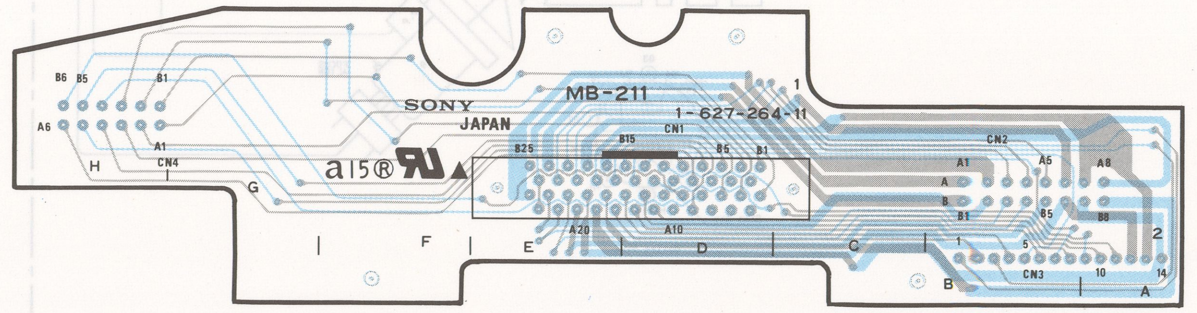

MB-210
1-627-263-11
SONY JAPAN

1-627-263-11 SOLDERING SIDE

MB-211 BOARD


MB-211
1-627-264-11
SONY
JAPAN

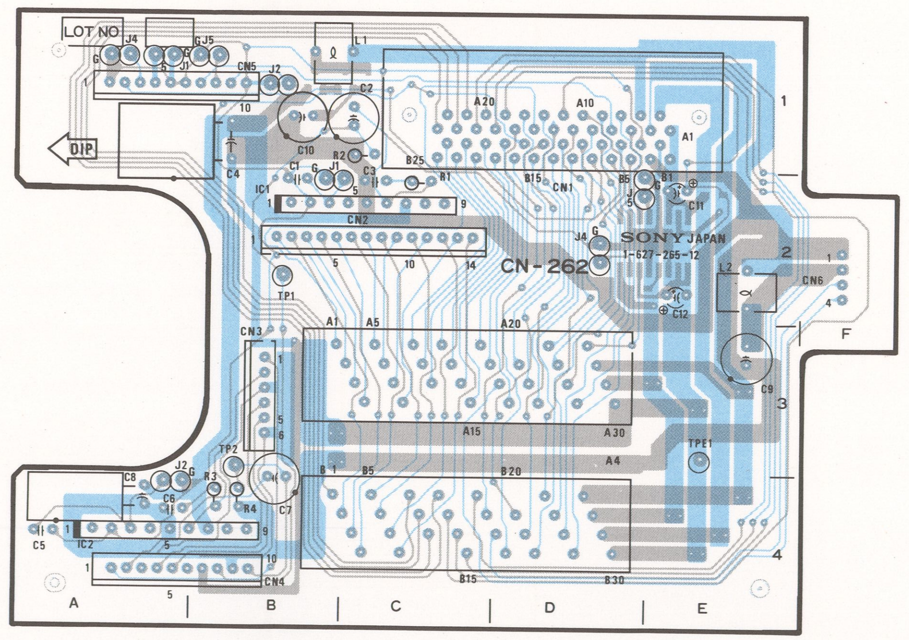
1-627-264-11 COMPONENT SIDE


SONY
JAPAN
MB-211
1-627-264-11

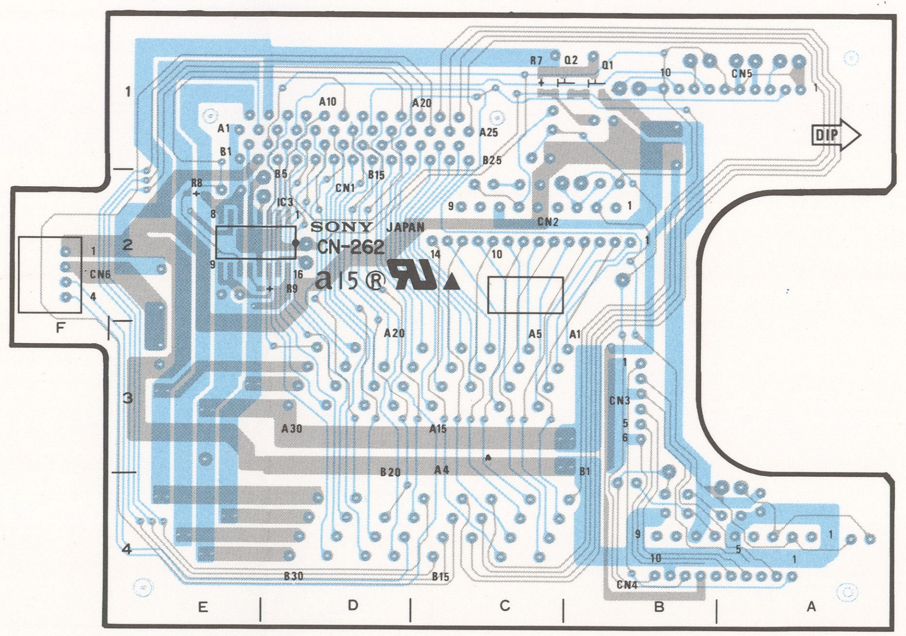
1-627-264-11 SOLDERING SIDE

CN-262 BOARD

Serial No. 10201 – 10310


LOT NO
DIP
SONY JAPAN
CN-262
1-627-265-12
A
B
C
D
E
F
1
2
3
4

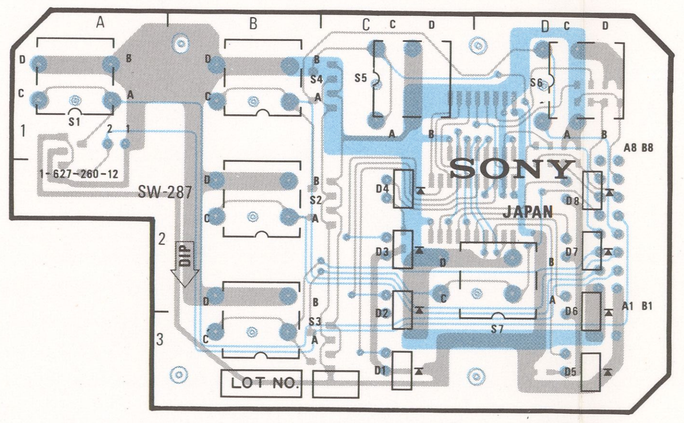
1-627-265-12 COMPONENT SIDE


SONY JAPAN
CN-262
DIP
A
B
C
D
E
F
1
2
3
4

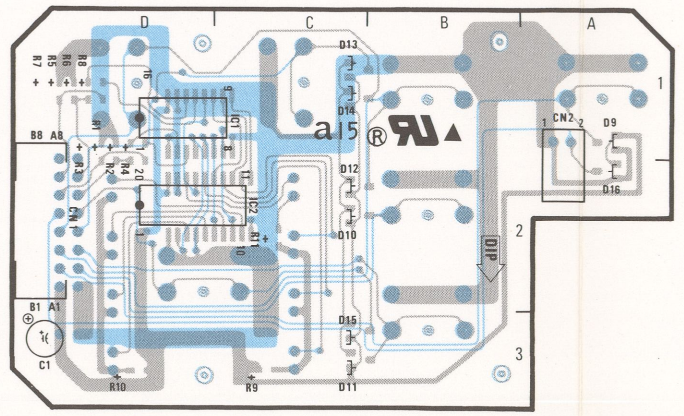
1-627-265-12 SOLDERING SIDE

SW-287 BOARD

Serial No. 10201 –


SONY
JAPAN
SW-287
1-627-260-12
LOT NO
DIP
A
B
C
D
1
2
3

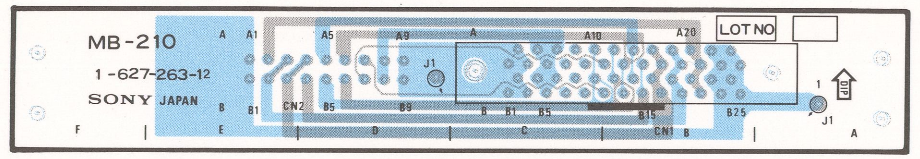
1-627-260-12 COMPONENT SIDE


DIP
A
B
C
D
1
2
3

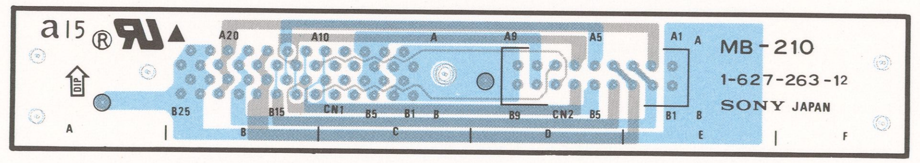
1-627-260-12 SOLDERING SIDE

MB-210 BOARD

Serial No. 10201 –

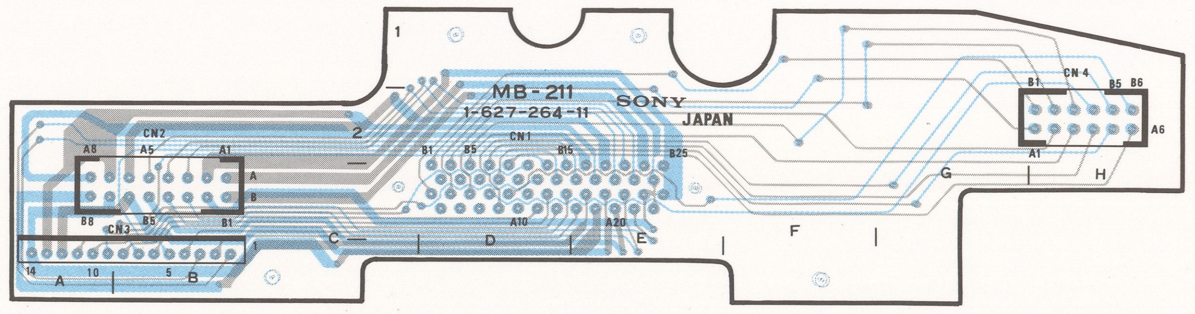

MB-210
1-627-263-12
SONY JAPAN
LOT NO
CN1
CN2
J1

1-627-263-12 COMPONENT SIDE

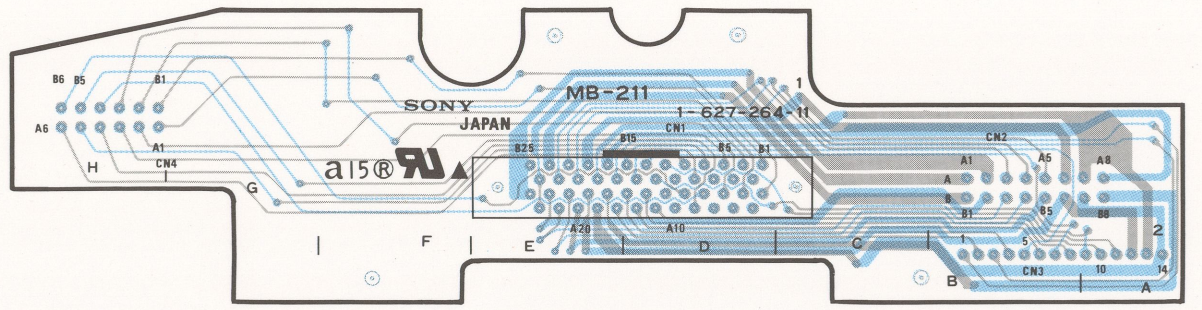

MB-210
1-627-263-12
SONY JAPAN
CN1
CN2

1-627-263-12 SOLDERING SIDE

MB-211 BOARD


MB-211
1-627-264-11
SONY
JAPAN
CN1
CN2
CN3
CN4
A
B
C
D
E
F
G
H
1
2

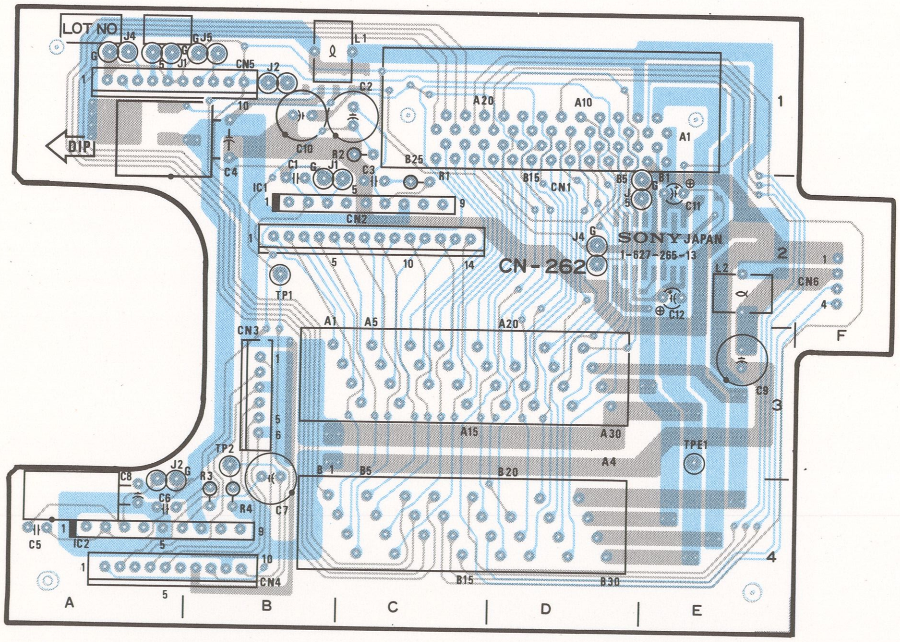
1-627-264-11 COMPONENT SIDE


MB-211
1-627-264-11
SONY
JAPAN
CN1
CN2
CN3
CN4
A
B
C
D
E
F
G
H
1
2

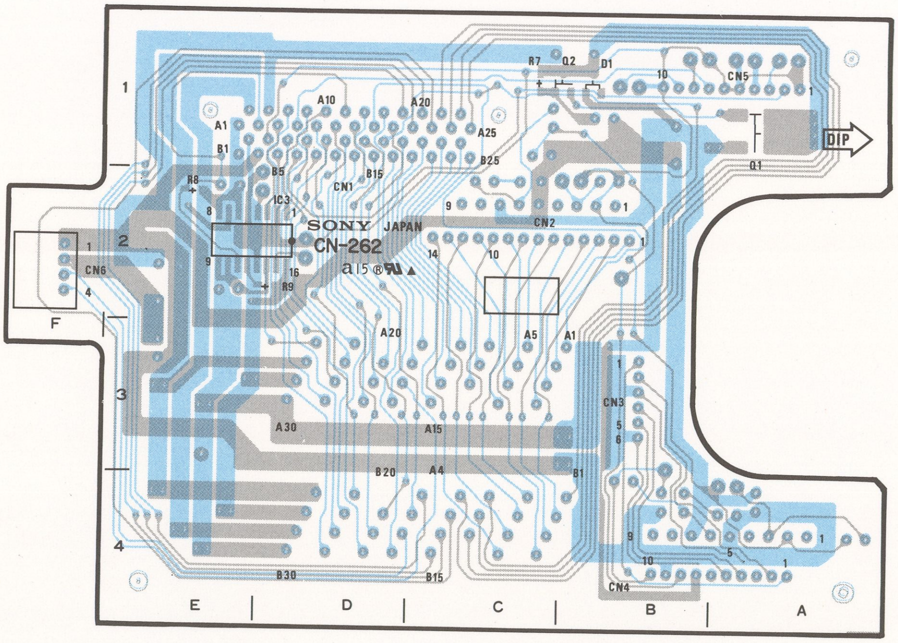
1-627-264-11 SOLDERING SIDE

CN-262 BOARD

Serial No. 10401 –


LOT NO.
J4
J5
J1
CN5
J2
C2
L1
C10
R2
C1
C3
R1
C4
IC1
CN2
DIP
TP1
A20
A10
A1
B25
B15
CN1
B5
B1
C11
SONY JAPAN
1-627-265-13
CN-262
L2
CN6
C12
C9
CN3
A5
A15
A30
A4
B20
B30
TPE1
TP2
C8
C6
R3
R4
C7
C5
IC2
CN4
1
2
3
4
A
B
C
D
E
F

1-627-265-13 COMPONENT SIDE


R7
Q2
D1
CN5
A10
A20
A1
B1
A25
B25
R8
B5
B15
CN1
IC3
SONY JAPAN
CN-262
CN2
Q1
DIP
CN6
R9
A20
A5
A1
CN3
A30
A15
B20
A4
B1
B30
B15
CN4
1
2
3
4
E
D
C
B
A
F

1-627-265-13 SOLDERING SIDE

FRAME (2/2)

CN-262 BOARD
DF-46 BOARD
MB-210 BOARD
MB-211 BOARD
RE-49 BOARD
SW-287 BOARD
SH-34 BOARD

Serial No. 10001-10220

RE-49
MB-210
CN-262
SH-34
MB-211
DF-46
SW-287
FRAME (2/2)
POWER SW
VF POWER
LENS POWER
MB-RE
VF-1
VF-2
REMOTE
MIC
MB-DEF
SV-DEF
LENS
SW-IF
EXT VIEW
LENS/POWER
SER No. 10201-

*NOTE

REF No.	CHANGE INFORMATION	SER No.
D9 - D16	ADD	10201-

1
2
3
4
5
6

FRAME (2/2)
CN-262 BOARD
DF-46 BOARD
MB-210 BOARD
MB-211 BOARD
RE-49 BOARD
SW-287 BOARD
SH-34 BOARD

Serial No.10301-

RE-49
MB-210
CN-262
SH-34
MB-211
DF-46
SW-287
POWER SW
VF POWER
LENS POWER
MB-RE
VF-1
VF-2
REMOTE
MIC
MB-DEF
SH-DEF
LENS
SW-IF
EXT VIEW
LENS-POWER
FRAME (2/2)
1
2
3
4
5
6

*NOTE

MARKE	REF No.	CHANGE INFORMATION	SER No.
*1	IC1	TC74HC139F → SN74HC139NS	10301-
	IC2	TC74HC244F → SN74HC244NS	
*2	Q1	2SC3734 → 2SD596DV5	10401-

SECTION D
SPARE PARTS

PARTS INFORMATION

1. **Safety Related Component Warning**

   Components identified by shading marked with ⚠ on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

2. Replace Parts that are supplied from Sony Parts Center can sometimes have different shape and external appearance than what are actually used in equipment. This is due to **"accommodating the improved parts and/or engineering changes"** or **"standardization of genuine parts."**

   .This manual's exploded view and electrical spare parts lists are indicating the parts numbers of "the standardized genuine parts at present."

   .Regarding engineering parts and diagrams changes in our engineering department, refer to Sony service bulletins and service manual supplements.

3. **The parts marked with "S" in the SP column** of the exploded views and electical spare parts list are nomally required for routine service work. Orders for parts marked with "0" will be processed, but allow for additional delivery time.

4. Item with no parts number and/or no description are not stocked because they are seldom required for routine service.

5. **Abbreviation**

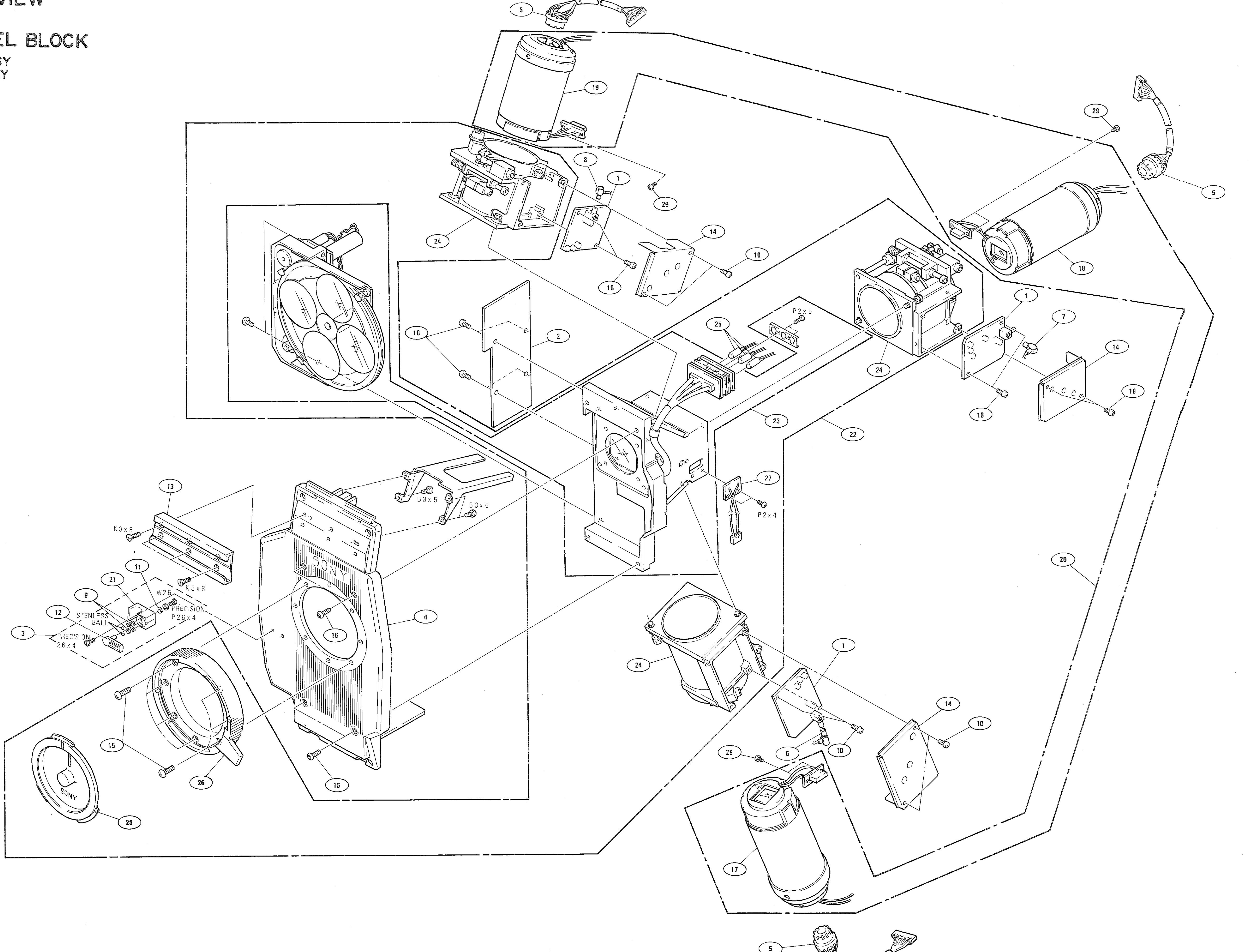
REF.No.	DESCRIPTION	REF.No.	DESCRIPTION	REF.No.	DESCRIPTION
BT	BATTERY	FB	FERRITE BEAD	RB	RESISTOR BLOCK
BZ	BUZZER	FL	FILTER	RV	VARIABLE RESISTOR
C	CAPACITORT	IC	IC	S	SWITCH
CN	CONNECTOR	L	INDUCTOR	T	TRANSFORMER
CP	COMBINATION PARTS	LY	RYLAY	TH	THERMISTOR
CV	VARIABLE CAPACITOR	LV	VARIABLE INDUCTOR	TM	TIMER
D	DIODE	Q	TRANSISTOR	VDR	VARISTOR
DL	DELAY LINE	R	RESISTOR	X	OSCILLATOR

All capacitors are in micro farads unless otherwise specified.
All inductors are in micro henries unless otherwise specified.
All resistors are in ohms.

EXPLODED VIEW

FRONT PANEL BLOCK

FRONT PANEL ASSY
CORD CLAMP ASSY


5
19
29
5
8
1
29
24
14
10
10
18
25
P2x5
1
7
10
2
10
24
14
10
23
22
27
P2x4
13
K3x8
B3x5
B3x5
SONY
K3x8
11
21
W2.6
9
PRECISION P2.6x4
STENLESS BALL
12
3
PRECISION 2.6x4
4
16
20
1
24
14
10
15
6
10
29
26
16
SONY
28
17
5

EXPLODED VIEW

FRONT PANEL BLOCK

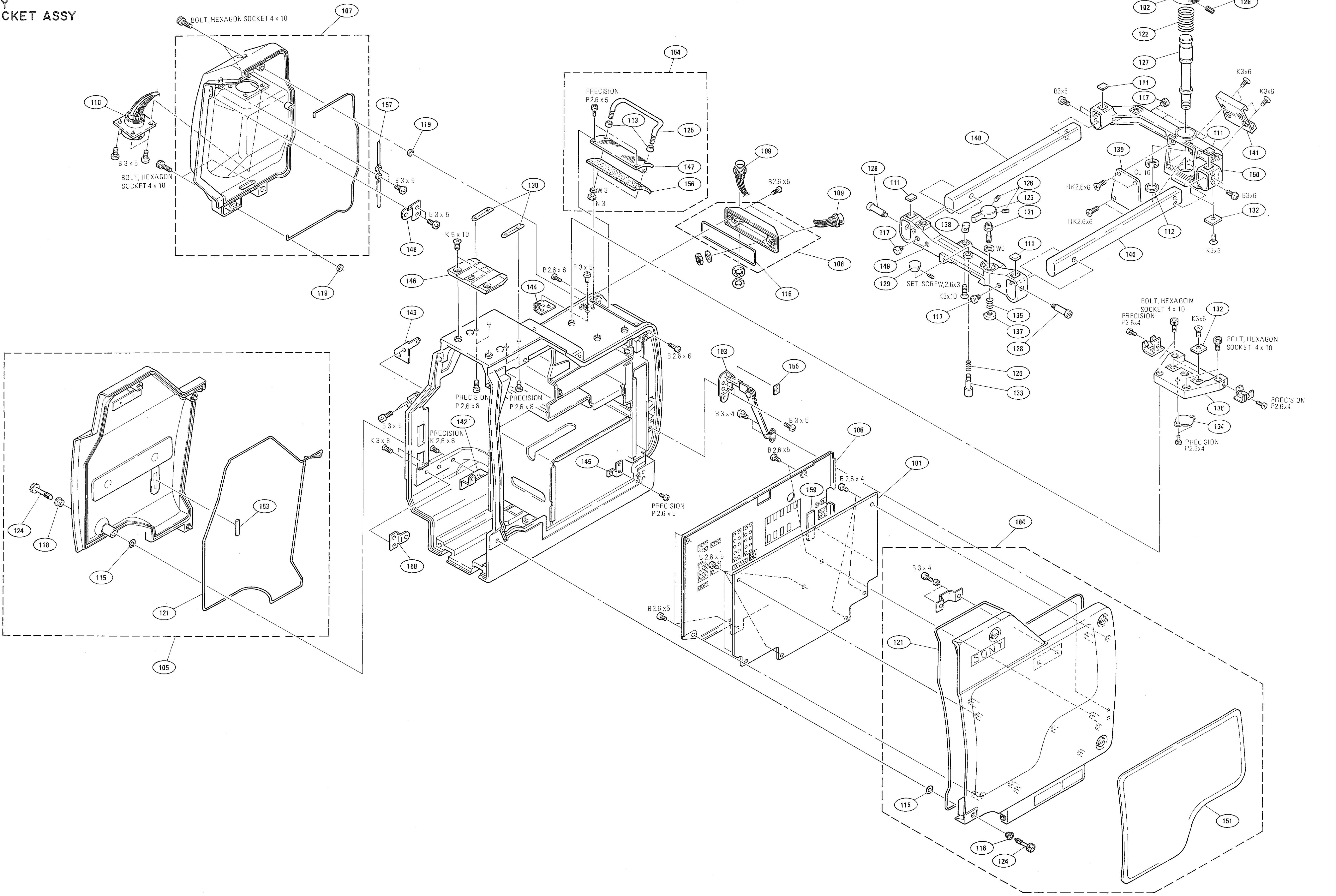
No.	Part No.	SP	Description
1	A-7513-776-A	o	MOUNTED CIRCUIT BOARD, PA-80
2	A-7513-777-A	o	MOUNTED CIRCUIT BOARD, SV-107
3	A-7612-341-A	o	CLAMP ASSY, CORD
4	X-3693-548-1	o	PANEL ASSY, FRONT
5	1-942-755-11	s	HARNESS (TUBE)
6	1-942-761-11	o	HARNESS (R-VIDEO)
7	1-942-762-11	o	HARNESS (G-VIDEO)
8	1-942-763-11	o	HARNESS (B-VIDEO)
9	3-302-492-00	s	SPRING, COMPRESSION
10	3-692-592-01	s	SCREW (+P) (2.6X5), PRECISION
11	3-701-441-11	s	WASHER
12	3-731-791-01	o	LEVER, CORD CLAMP
13	3-731-793-01	s	SHOE (F), SLIDE
14	3-733-192-01	o	SHIELD, PA
15	3-733-195-01	s	SCREW (+P5X10)
16	4-882-768-02	s	SCREW, BUTTON HEAD (M4X8)
17	OPTIONAL PARTS	:	PICKUP TUBE(R) RKP-300R
18	OPTIONAL PARTS	:	PICKUP TUBE(G) RKP-300G
19	OPTIONAL PARTS	:	PICKUP TUBE(B) RKP-300B
20	OPTIONAL PARTS	:	PICKUP TUBE(R,G,B) RKP-300X
21	3-733-194-01	o	TABLE, CLAMP, CORD
22	1-547-336-11	o	PRISM (OPTICAL)
23	3-707-642-01	o	PRISM, OPTICAL (MAIN)
24	3-707-643-01	o	HOLDER, COIL ASSEMBLY
25	3-707-644-01	s	LAMP, BIAS
26	3-707-645-01	o	RING, MOUNT
27	3-707-649-01	o	PC BOARD ASSY, TEMP. DETECTION
28	3-734-234-01	s	CAP, 1 INCH MOUNT
29	3-698-123-01	s	SCREW(+P)(2X4), PRECISION

SIDE PLATE AND HANDLE BLOCK

No.	Part No.	SP	Description
101	A-7513-789-B	o	MOUNTED CIRCUIT BOARD, SH-34
102	X-3693-578-1	o	KNOB ASSY, FIXED
103	X-3693-539-2	o	STAY ASSY
104	X-3693-544-3	s	PLATE (R) ASSY, SIDE
105	X-3693-546-2	s	PLATE (L) ASSY, SIDE
106	X-3693-547-1	o	COVER ASSY, SH
107	X-3693-553-2	s	PLATE ASSY, SIDE, CAMERA CN
108	X-3693-560-1	o	TABEL ASSY, CONNECTOR, VF
109	1-562-221-51	s	CONNECTOR, 12P, FEMALE "VF-1""VF-2
110	1-562-809-11	s	CONNECTOR, 11P, MALE
111	2-274-569-01	o	FOOT, RUBBER
112	2-338-234-01	o	WASHER, FLAT
113	3-657-654-00	o	RING, ORNAMENTAL
115	3-672-251-00	s	RING (M4), O
116	3-672-253-11	o	RUBBER, CONDUCTIVE
117	3-673-018-11	s	SCREW, BLIND
118	3-675-931-00	o	SPACER, SCREW
119	3-687-116-01	o	WASHER (4), STOPPER
120	3-556-903-00	s	SPRING
121	3-698-120-01	o	TUBE, SHIELD
122	3-646-219-01	s	SPRING
123	3-673-046-00	s	LEVER, LOCK
124	3-710-016-11	s	SCREW (M4X18), LID
125	3-716-342-02	o	GUARD, CONNECTOR
126	3-701-506-01	s	SETSCREW, DOUBLE POINT 3X4
127	3-734-252-01	o	SHAFT, FIXED
128	3-734-253-01	o	PIN, JOINT
129	3-734-254-01	s	KNOB, RELEASE
130	3-731-715-01	s	GUIDE, SHOE
131	3-734-255-01	o	SCREW, LOCK
132	3-734-256-01	o	HOOK
133	3-734-257-01	o	PIN, SAFETY
134	3-734-261-01	o	PLATE, COVER
135	3-731-734-01	o	SPRING, COMPRESSION
136	3-734-262-01	o	BASE, HANDLE
137	3-731-736-01	o	PIECE, HANDLE HOLDER
138	3-731-737-01	o	HOOK, MEASURE
139	3-731-738-01	o	PLATE (2), BLIND
140	X-3693-579-1	o	HANDLE SUB ASSY
141	3-731-740-01	s	SHOE (B), SLIDE
142	3-731-776-01	o	BRACKET (B), IF
143	3-731-777-01	o	BRACKET (A), IF
144	3-731-778-01	o	STOPPER (C), SIDE PLATE
145	3-731-782-01	o	BRACKET, CN
146	3-731-783-02	o	WEDGE (F)
147	3-731-784-01	o	LID
148	3-733-076-01	s	STOPPER (D), SIDE PLATE
149	3-734-263-01	o	HOLDER (F), HANDLE
150	3-734-264-01	o	HOLDER (B), HANDLE
151	3-734-213-01	s	PAD, SIDE PLATE
153	9-911-839-XX	s	CUSHION (B)
154	X-3693-574-1	o	VENTILATIOR ASSY
155	4-855-010-00	s	SPACER, TC
156	3-734-228-01	o	SHEET (E), DUST PROTECTION
157	3-703-150-11	o	CLAMP
158	3-733-196-01	o	STOPPER(B), SIDE PLATE
159	3-734-265-01	o	SHEET, INSULATING

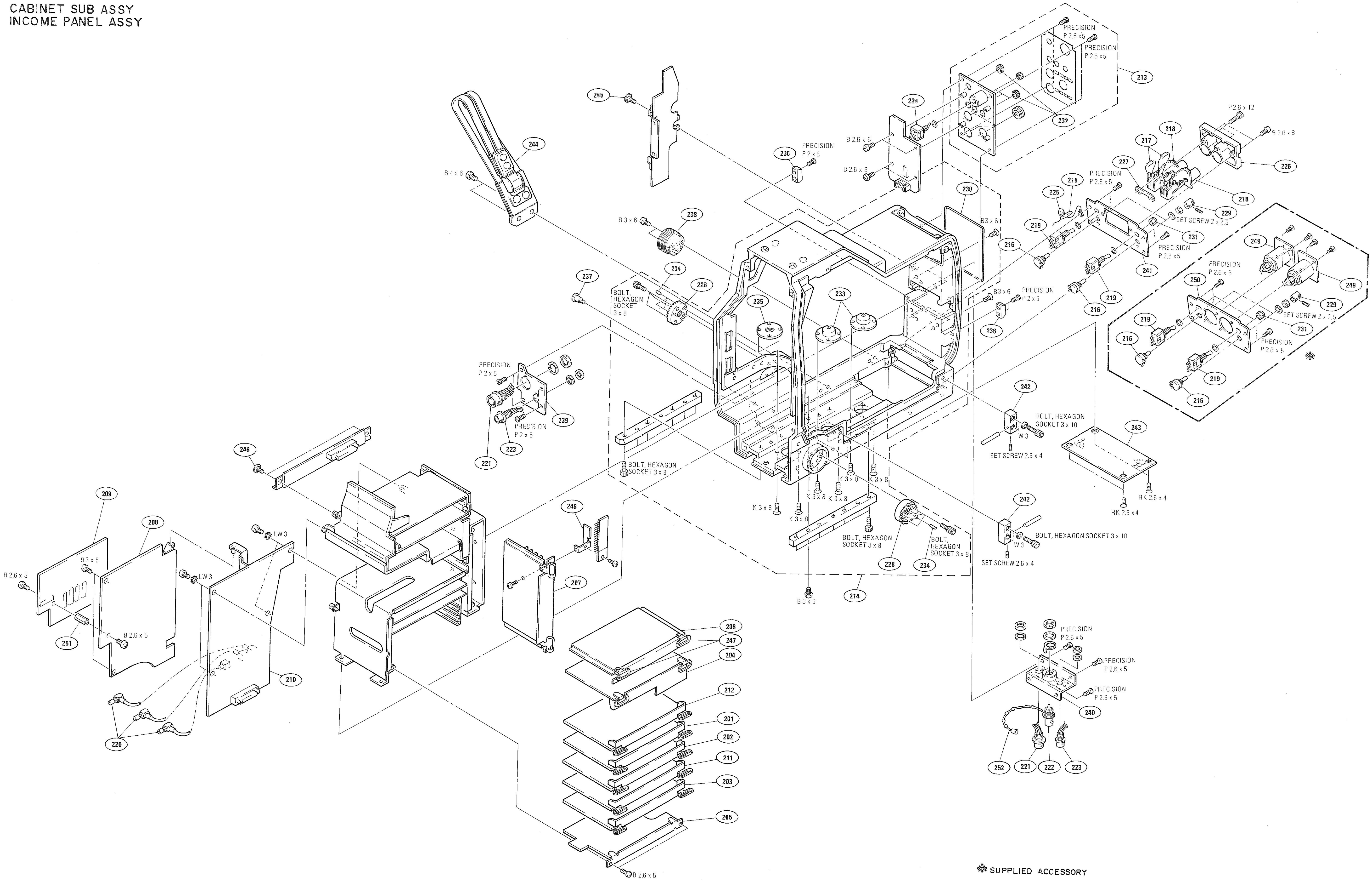
SIDE PLATE AND HANDLE BLOCK

CN SIDE PLATE ASSY
SIDE PLATE (R) ASSY
SIDE PLATE (L) ASSY
HANDLE ASSY
HANDLE BRACKET ASSY


107
BOLT, HEXAGON SOCKET 4 x 10
110
B 3 x 8
BOLT, HEXAGON SOCKET 4 x 10
157
119
B 3 x 5
B 3 x 5
148
119
154
PRECISION P2.6 x 5
113
125
147
156
W 3
N 3
130
K 5 x 10
146
B 2.6 x 6
B 3 x 5
144
143
B 2.6 x 6
PRECISION P 2.6 x 8
PRECISION P 2.6 x 8
142
PRECISION K 2.6 x 8
B 3 x 5
K 3 x 8
145
PRECISION P 2.6 x 5
158
109
B2.6 x5
109
108
116
103
155
B 3 x 4
B 3 x 5
B 2.6 x 5
106
159
B 2.6 x 4
101
B 2.6 x 5
B2.6 x5
104
B 3 x 4
121
115
118
124
151
124
118
115
121
153
105
102
126
122
127
111
117
B3x6
K3x6
K3x6
111
141
140
139
CE 10
RK2.6x6
RK2.6x6
150
B3x6
132
K3x6
112
140
128
111
126
123
131
117
138
W5
111
149
129
SET SCREW,2.6x3
K3x10
117
135
137
128
120
133
BOLT, HEXAGON SOCKET 4 x 10
PRECISION P2.6x4
K3x6
132
BOLT, HEXAGON SOCKET 4 x 10
PRECISION P2.6x4
136
134
PRECISION P2.6x4
SONY

CABINET BLOCK

CABINET SUB ASSY
INCOME PANEL ASSY



245
244
B4 x 6
236
PRECISION P2 x 6
B2.6 x 5
224
232
213
PRECISION P2.6 x 5
PRECISION P2.6 x 5
P2.6 x 12
B2.6 x 8
226
217
218
218
227
PRECISION P2.6 x 5
225
215
230
B3 x 6
238
B3 x 6
229
SET SCREW 2 x 2.5
231
PRECISION P2.6 x 5
219
216
241
249
249
219
216
237
234
228
BOLT, HEXAGON SOCKET 3 x 8
235
233
B3 x 6
PRECISION P2 x 6
236
250
PRECISION P2.6 x 5
229
SET SCREW 2 x 2.5
231
PRECISION P2.6 x 5
219
216
219
216
PRECISION P2 x 5
239
PRECISION P2 x 5
221
223
242
BOLT, HEXAGON SOCKET 3 x 10
W3
SET SCREW 2.6 x 4
243
RK 2.6 x 4
RK 2.6 x 4
246
BOLT, HEXAGON SOCKET 3 x 8
K3 x 8
K3 x 8
K3 x 8
K3 x 8
K3 x 8
K3 x 8
242
BOLT, HEXAGON SOCKET 3 x 10
W3
SET SCREW 2.6 x 4
BOLT, HEXAGON SOCKET 3 x 8
BOLT, HEXAGON SOCKET 3 x 8
228
234
214
B3 x 6
209
208
B3 x 5
B2.6 x 5
LW3
LW3
B2.6 x 5
251
248
207
210
220
206
247
204
212
201
202
211
203
205
B2.6 x 5
PRECISION P2.6 x 5
PRECISION P2.6 x 5
PRECISION P2.6 x 5
240
252
221
222
223

※ SUPPLIED ACCESSORY

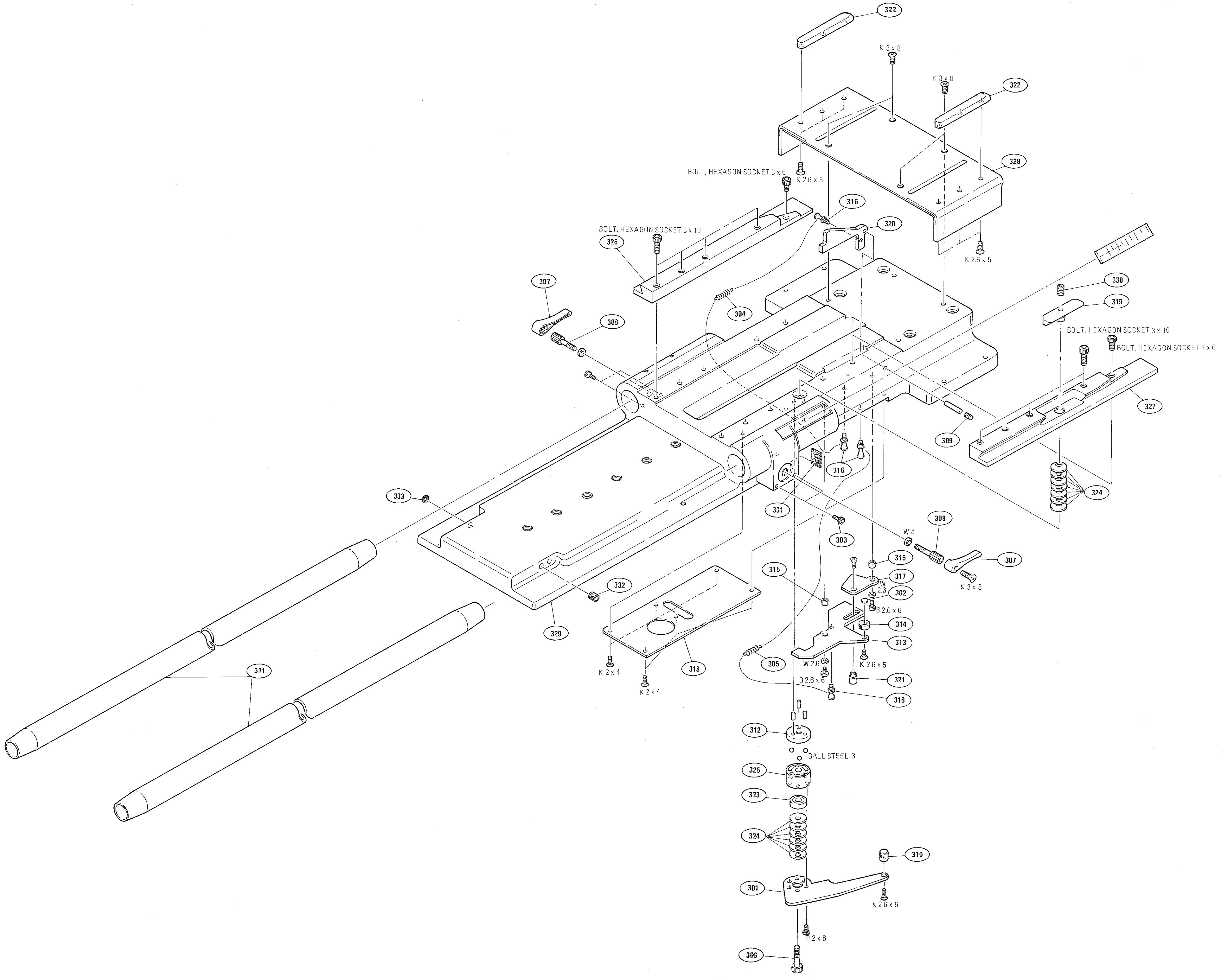
CABINET BLOCK

No.	Part No.	SP	Description
201	A-7513-781-A	o	MOUNTED CIRCUIT BOARD, VA-73
202	A-7513-782-A	o	MOUNTED CIRCUIT BOARD, VDA-14
203	A-7513-784-A	o	MOUNTED CIRCUIT BOARD, SG-141
204	A-7513-785-B	o	MOUNTED CIRCUIT BOARD, PS-168
205	A-7513-786-B	o	MOUNTED CIRCUIT BOARD, CN-262
206	A-7513-787-A	o	MOUNTED CIRCUIT BOARD, RE-49
207	A-7513-788-A	o	MOUNTED CIRCUIT BOARD, DF-46
208	A-7513-790-B	o	MOUNTED CIRCUIT BOARD, IF-213
209	A-7513-791-A	o	MOUNTED CIRCUIT BOARD, RG-22
210	A-7513-792-A	o	MOUNTED CIRCUIT BOARD, MB-206
211	A-7513-904-A	o	MOUNTED CIRCUIT BOARD, IV-22
212	A-7513-905-A	o	MOUNTED CIRCUIT BOARD, AB-13
213	X-3693-542-2	o	PANEL ASSY, SW
214	X-3693-545-1	o	CABINET SUB ASSY
215	1-136-205-11	s	CAP, METALIZED FILM 0.022MF
216	1-237-981-11	s	RES, VAR, CARBON 20K "INCOM 1 LEVEL" "INCOM 2 LEVEL"
217	1-249-407-11	s	RES, CARBON 150
218	1-507-676-00	s	JACK "INCOM 1""INCOM 2"
219	1-571-070-11	s	TOGGLE "INCOM 1 MIC""INCOM 2 MIC"
220	1-560-163-00	s	PLUG, RF
221	1-562-221-51	s	CONNECTOR, 12P, FEMALE "LENS" "REMOTE"
222	1-562-622-11	s	CONNECTOR, BNC "MONITOR"
223	1-565-072-21	s	CONNECTOR, 4P FEMALE "VF POWER""LENS POWER"
224	1-571-367-11	s	TOGGLE "POWER ON/OFF"
225	1-806-500-11	s	VARISTOR ERZ-C05DK390
226	2-128-255-01	o	INSULATOR, PHONE
227	2-128-256-01	o	BRACKET, PHONE
228	2-280-511-12	o	BRACKET, ADJUSTMENT, ANGLE
229	3-657-627-11	s	KNOB (2)
230	3-672-253-11	o	RUBBER, CONDUCTIVE
231	3-672-267-00	s	NUT, CONTROL
232	3-676-244-00	s	COVER, SWITCH
233	3-693-654-02	o	SCREW (3/8), TRIPOD
234	3-703-360-03	o	PIN, PARALLEL (DIA. 3X10)
235	3-731-772-01	O	COLLER, TRIPOD SCREW
236	3-731-779-01	o	GUARD (C)
237	3-731-780-01	o	HOOK, MEASURE
238	3-731-781-01	o	STOPPER, CAP
239	3-733-041-01	o	COVER, LENS CONNECTOR
240	3-733-042-03	o	BRACKET(R), CONNECTOR
241	3-733-046-01	o	PANEL (110), INCOME
242	3-733-052-01	o	HINGE BLOCK
243	X-3693-572-1	o	BOARD ASSY, BOTTOM
244	3-734-214-01	s	CLAMP, CABLE
245	3-613-164-00	o	SHAFT, STEP
246	2-236-956-00	s	SCREW, STEP
247	3-711-775-01	o	LEVER, PULL
248	3-693-779-01	o	PLATE
249	1-563-159-11	s	CONNECTOR, 5P, FEMALE "INCOM 1/2"
250	3-733-044-01	o	PANEL(XLR), INCOM
251	3-686-054-02	o	STUD, SUPPORT, PC BOARD
252	3-509-140-00	s	HOLDER, WIRE

TRIPOD ADAPTOR BLOCK

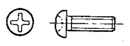
No.	Part No.	SP	Description
301	X-3693-552-1	o	CLAMP ASSY, TRIPOD ADAPTER
302	2-270-660-00	s	MARKER (R)
303	2-990-373-01	s	BOLT M2X4, HEXAGON SOCKET
304	3-556-465-00	s	SPRING, TENSION
305	3-565-758-11	s	SPRING, TENSION
306	2-121-934-01	s	BOLT, HEXAGON
307	3-693-751-01	s	LEVER, FASTENING
308	3-697-382-01	o	SCREW, VF ROTARY
309	3-701-514-00	s	SCREW (M5X6)
310	3-731-717-01	o	KNOB, LOCK LEVER
311	3-733-019-01	s	ACCESSORY, ROD
312	3-733-022-01	o	BEARING (B)
313	3-733-023-01	o	LEVER, SAFETY
314	3-733-024-01	o	KNOB, SAFETY LEVER
315	3-733-025-01	o	SPACER
316	3-733-026-01	o	SHAFT, SPRING HOOK
317	3-733-027-01	o	PLATE, RELEASE, STOPPER
318	3-733-028-01	o	LID
319	3-733-029-01	o	PIECE, TRIPOD ADAPTOR
320	3-733-030-01	o	STOPPER
321	3-733-031-01	o	SHAFT, SLIDE
322	3-733-032-01	o	GUIDE, CAMERA HEAD
323	3-733-034-01	o	BEARING, THRUST BALL
324	3-733-035-01	o	SPRING (DIA. 5), PLATE
325	3-733-036-01	o	BEARING (A)
326	3-733-037-01	o	GUIDE (LEFT), TRIPOD ADAPTOR
327	3-733-038-01	o	GUIDE (RIGHT), TRIPOD ADAPTOR
328	3-733-039-01	o	PLATE, ORNAMENTAL
329	3-733-040-01	o	ADAPTOR, TRIPOD
330	3-701-510-00	s	SET SCREW, DOUBLE POINT 4X4
331	2-274-569-01	o	FOOT, RUBBER
332	3-573-469-00	s	RETAINER, LEAD, SD
333	3-653-573-00	o	RING, O

TRIPOD ADAPTOR BLOCK


322
K 3 x 8
K 3 x 8
322
328
BOLT, HEXAGON SOCKET 3 x 6
K 2.6 x 5
316
320
K 2.6 x 5
BOLT, HEXAGON SOCKET 3 x 10
326
307
304
308
330
319
BOLT, HEXAGON SOCKET 3 x 10
BOLT, HEXAGON SOCKET 3 x 6
327
309
316
324
333
331
303
W 4
308
307
K 3 x 8
315
317
W 2.6
302
B 2.6 x 6
315
314
313
332
329
318
K 2 x 4
K 2 x 4
305
W 2.6
B 2.6 x 6
K 2.6 x 5
321
316
311
312
BALL STEEL 3
325
323
324
310
301
K 2.6 x 6
P 2 x 6
306

SCREW

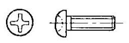
+B
Bzn-N



7-621-□□□-□□

SIZE	Parts No.
2 x 3	772-00
x 4	772-10
x 5	772-20
x 6	772-30
x 8	772-40
x 10	772-50
x 12	772-60
x 14	772-70
x 16	772-80
x 20	–
2.6 x 3	775-00
x 4	775-10
x 5	775-20
x 6	773-95
x 8	775-40
x 10	775-50
x 12	775-60
x 14	775-70
x 16	775-80
x 20	775-90

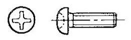
+B
Cr-N



7-621-□□□-□□

SIZE	Parts No.
2 x 3	772-08
x 4	772-18
x 5	771-06
x 6	772-38
x 8	772-48
x 10	772-58
x 12	772-68
x 14	772-78
x 16	772-88
x 20	–
2.6 x 3	775-08
x 4	773-86
x 5	770-87
x 6	770-67
x 8	770-99
x 10	773-87
x 12	775-68
x 14	775-78
x 16	775-88
x 20	773-91

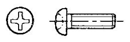
+B
Bzn-N



7-682-□□□-□□

SIZE	Parts No.
3 x 3	544-09
x 4	545-09
x 5	546-09
x 6	547-09
x 8	548-09
x 10	549-09
x 12	550-09
x 14	551-09
x 16	552-09
x 20	553-09
x 30	555-09
4 x 4	558-09
x 5	559-09
x 6	560-09
x 8	561-09
x 10	562-09
x 12	563-09
x 14	564-09
x 16	565-09
x 20	566-09
5 x 8	574-09
x 10	575-09
x 12	576-09
x 14	577-09
x 16	578-09
x 20	579-09

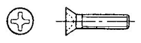
+B
Cr-N



7-682-□□□-□□

SIZE	Parts No.
3 x 3	544-04
x 4	545-04
x 5	546-04
x 6	547-04
x 8	548-04
x 10	549-04
x 12	550-04
x 14	551-04
x 16	552-04
x 20	553-04
4 x 4	558-04
x 5	559-04
x 6	560-04
x 8	561-04
x 10	562-04
x 12	563-04
x 14	564-04
x 16	565-04
x 20	566-04
5 x 8	574-04
x 10	575-04
x 12	576-04
x 14	577-04
x 16	578-04
x 20	579-04

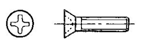
+K
Bzn-N



7-621-□□□-□□

SIZE	Parts No.
2 x 3	555-10
x 4	591-00
x 5	555-30
x 6	555-40
x 8	555-50
x 10	555-60
x 12	555-70
x 14	–
x 16	–
x 20	–
2.6 x 4	559-20
x 5	559-30
x 6	592-00
x 8	592-10
x 10	592-20
x 12	592-30
x 14	559-00
x 16	560-00
x 20	560-20

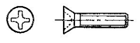
+K
Bzn-N



7-682-□□□-□□

SIZE	Parts No.
3 x 4	245-09
x 5	246-09
x 6	247-09
x 8	248-09
x 10	249-09
x 12	250-09
x 14	251-09
x 16	252-09
x 20	253-09
4 x 6	260-09
x 8	261-09
x 10	262-09
x 12	263-09
x 14	264-09
x 16	265-09
x 20	266-09
5 x 8	274-09
x 10	275-09
x 12	276-09
x 14	277-09
x 16	278-09
x 20	279-09
x 25	280-09
x 30	281-09
x 35	282-09
x 40	283-09
x 45	284-09
x 50	285-09

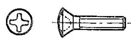
+K
Cr-N



7-682-□□□-□□

SIZE	Parts No.
3 x 4	245-04
x 5	246-04
x 6	247-04
x 8	248-04
x 10	249-04
x 12	250-04
x 14	251-04
x 16	252-04
x 20	253-04
4 x 6	260-04
x 8	261-04
x 10	262-04
x 12	263-04
x 14	264-04
x 16	265-04
x 20	266-04

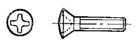
+RK
Bzn-N



7-621-□□□-□□

SIZE	Parts No.
2 x 3	–
x 4	–
x 5	–
x 6	–
x 8	–
x 10	–
x 12	661-30
x 14	661-40
2.6 x 4	–
x 5	662-10
x 6	662-20
x 8	662-30
x 10	–
x 12	–
x 14	–
x 16	–
x 20	–

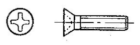
+RK
Bzn-N



7-682-□□□-□□

SIZE	Parts No.
3 x 4	345-09
x 5	346-09
x 6	347-09
x 8	348-09
x 10	349-09
x 12	350-09
x 14	351-09
x 16	352-09
x 20	353-09
4 x 6	360-09
x 8	361-09
x 10	362-09
x 12	363-09
x 14	364-09
x 16	365-09
x 20	366-09

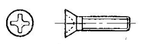
PRECISION +K
Bzn-N



7-627-□□□-□□

SIZE	Parts No.
1.7 x 1.8	–
x 2	450-28
x 2.2	–
x 2.5	450-48
x 2.8	–
x 3	450-58
x 3.5	–
x 4	450-78
x 4.5	–
x 5	450-98
x 5.5	–
x 6	–
2 x 2	452-08
x 2.2	452-88
x 2.5	452-48
x 2.8	–
x 3	452-18
x 3.5	452-98
x 4	452-28
x 4.5	–
x 5	452-38
x 5.5	–
x 6	452-58
x 7	452-68
x 8	452-78
2.6 x 3.5	–
x 4	–
x 4.5	454-28
x 5	454-38
x 5.5	–
x 6	–
x 7	–
x 8	–

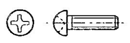
PRECISION +K
Cr-N



7-627-□□□-□□

SIZE	Parts No.
1.7 x 1.8	–
x 2	–
x 2.2	–
x 2.5	–
x 2.8	–
x 3	–
x 3.5	–
x 4	–
x 4.5	–
x 5	–
x 5.5	–
x 6	–
2 x 2	452-07
x 2.2	452-87
x 2.5	–
x 2.8	–
x 3	452-17
x 3.5	–
x 4	452-27
x 4.5	–
x 5	–
x 5.5	–
x 6	–
x 7	452-67
x 8	–
2.6 x 3.5	–
x 4	454-17
x 4.5	–
x 5	454-37
x 5.5	–
x 6	–
x 7	–
x 8	–

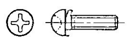
+P
Bzn-N



7-682-□□□-□□

SIZE	Parts No.
3 x 3	144-09
x 4	145-09
x 5	146-09
x 6	147-09
x 8	148-09
x 10	149-09
x 12	150-09
x 14	151-09
4 x 4	158-09
x 5	159-09
x 6	160-09
x 8	161-09
x 10	162-09
x 12	163-09
x 14	164-09
x 16	165-09
x 20	166-09

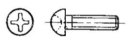
PRECISION +P
Bzn-N



7-627-□□□-□□

SIZE	Parts No.
1.7 x 1.6	552-18
x 1.8	–
x 2	552-28
x 2.2	–
x 2.5	552-08
x 2.8	–
x 3	552-38
x 3.5	552-78
x 4	552-48
x 4.5	–
x 5	552-58
x 5.5	–
x 6	–
2 x 1.8	554-38
x 2	553-18
x 2.2	–
x 2.5	553-28
x 2.8	554-58
x 3	553-38
x 3.5	554-18
x 4	553-48
x 4.5	553-58
x 5	554-28
x 5.5	–
x 6	553-68
x 7	553-88
x 8	553-98
x 10	553-78
2.6 x 2.8	556-08
x 3	–
x 3.5	556-28
x 4	556-38
x 4.5	556-48
x 5	556-58
x 5.5	–
x 6	556-78
x 7	–
x 8	–
x 9	–
x 10	–

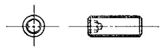
PRECISION +P
Cr-N



7-627-□□□-□□

SIZE	Parts No.
1.7 x 1.6	–
x 1.8	–
x 2	552-27
x 2.2	552-87
x 2.5	552-07
x 2.8	–
x 3	552-37
x 3.5	–
x 4	552-47
x 4.5	552-67
x 5	552-57
x 5.5	557-07
x 6	552-77
2 x 1.8	554-37
x 2	553-17
x 2.2	554-07
x 2.5	553-27
x 2.8	–
x 3	553-37
x 3.5	554-17
x 4	553-47
x 4.5	553-57
x 5	553-67
x 5.5	–
x 6	554-27
x 7	553-87
x 8	553-97
x 10	553-77
2.6 x 2.8	556-07
x 3	–
x 3.5	–
x 4	556-37
x 4.5	–
x 5	556-57
x 5.5	–
x 6	556-77
x 7	–
x 8	556-97
x 9	–
x 10	557-47

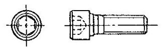
HEXAGON SET SCREW
(WP)
SNCM6-PD



7-621-□□□-□□
7-701-□□□-□□

SIZE	Parts No.
2.6 x 3	734-09
2.6 x 4	735-09
2.6 x 5	736-09
2.6 x 6	737-09
2.6 x 8	
3 x 3	505-01
3 x 4	506-01
3 x 5	507-01
3 x 6	508-01
3 x 8	509-01
3 x 10	
4 x 4	510-01
4 x 5	
4 x 6	511-01
4 x 8	512-01
4 x 10	513-01

BOLT, HEXAGON
SOCKET
SNCM6 BZn-N4



7-683-□□□-□□

SIZE	Parts No.
3 x 4	401-04
3 x 5	402-04
3 x 6	403-04
3 x 8	404-04
3 x 10	405-04
3 x 12	406-04
3 x 14	407-04
3 x 16	408-04
3 x 20	410-04
4 x 5	417-04
4 x 6	418-04
4 x 8	419-04
4 x 10	420-04
4 x 12	421-04
4 x 14	422-04
4 x 16	423-04
4 x 20	425-04
4 x 25	427-04
5 x 8	434-04
5 x 10	435-04
5 x 12	436-04
5 x 14	437-04
5 x 16	438-04
5 x 20	440-04
5 x 25	442-04
5 x 30	444-04
5 x 50	447-04
6 x 10	452-04
6 x 12	453-04
6 x 14	454-04
6 x 16	455-04
6 x 20	457-04
6 x 25	459-04
6 x 30	461-04
6 x 35	463-04
6 x 40	465-04
6 x 45	466-04
6 x 55	468-04
8 x 12	470-04
8 x 14	471-04
8 x 16	472-04
8 x 20	473-04
8 x 25	474-04
8 x 30	475-04
8 x 35	476-04
8 x 40	477-04
8 x 45	478-04
8 x 50	479-04

CAPACITOR, ELECTROLYTIC

Part No.	SP	Description
1-124-463-11	s	CAP, ELECT 0.1 20% 50V
1-124-464-11	s	CAP, ELECT 0.22 20% 50V
1-124-252-11	s	CAP, ELECT 0.33 20% 50V
1-124-465-21	s	CAP, ELECT 0.47 20% 50V
1-124-438-11	s	CAP, ELECT 1.0 20% 50V
1-124-257-11	s	CAP, ELECT 2.2 20% 50V
1-124-258-11	s	CAP, ELECT 3.3 20% 50V
1-124-245-11	s	CAP, ELECT 4.7 20% 35V
1-124-259-11	s	CAP, ELECT 4.7 20% 50V
1-124-462-11	s	CAP, ELECT 10 20% 16V
1-124-247-11	s	CAP, ELECT 10 20% 35V
1-124-261-11	s	CAP, ELECT 10 20% 50V
1-124-222-11	s	CAP, ELECT 22 20% 6.3V
1-124-234-11	s	CAP, ELECT 22 20% 16V
1-124-248-11	s	CAP, ELECT 22 20% 35V
1-124-431-11	s	CAP, ELECT 33 20% 4V
1-124-229-11	s	CAP, ELECT 33 20% 10V
1-124-242-11	s	CAP, ELECT 33 20% 25V
1-124-224-11	s	CAP, ELECT 47 20% 6.3V
1-124-236-11	s	CAP, ELECT 47 20% 16V
1-124-584-11	s	CAP, ELECT 100 20% 10V

INDUCTOR, MICRO

Part No.	SP	Description
1-408-876-00	s	INDUCTOR, MICRO 0.18 5%
1-408-877-00	s	INDUCTOR, MICRO 0.22 5%
1-408-878-00	s	INDUCTOR, MICRO 0.33 5%
1-408-879-21	s	INDUCTOR, MICRO 0.47 5%
1-408-931-00	s	INDUCTOR, MICRO 0.56 5%
1-408-880-00	s	INDUCTOR, MICRO 0.68 5%
1-408-763-00	s	INDUCTOR, MICRO 0.82 5%
1-408-397-00	s	INDUCTOR, MICRO 1.0 5%
1-408-398-00	s	INDUCTOR, MICRO 1.2 5%
1-408-399-00	s	INDUCTOR, MICRO 1.5 5%
1-408-400-00	s	INDUCTOR, MICRO 1.8 5%
1-408-401-00	s	INDUCTOR, MICRO 2.2 5%
1-408-402-00	s	INDUCTOR, MICRO 2.7 5%
1-408-403-00	s	INDUCTOR, MICRO 3.3 5%
1-408-404-00	s	INDUCTOR, MICRO 3.9 5%
1-408-405-00	s	INDUCTOR, MICRO 4.7 5%
1-408-406-00	s	INDUCTOR, MICRO 5.6 5%
1-408-407-00	s	INDUCTOR, MICRO 6.8 5%
1-408-408-00	s	INDUCTOR, MICRO 8.2 5%
1-408-409-00	s	INDUCTOR, MICRO 10 5%
1-408-410-00	s	INDUCTOR, MICRO 12 5%
1-408-411-00	s	INDUCTOR, MICRO 15 5%
1-408-412-00	s	INDUCTOR, MICRO 18 5%
1-408-413-00	s	INDUCTOR, MICRO 22 5%
1-408-414-00	s	INDUCTOR, MICRO 27 5%
1-408-415-00	s	INDUCTOR, MICRO 33 5%
1-408-416-00	s	INDUCTOR, MICRO 39 5%
1-408-417-21	s	INDUCTOR, MICRO 47 5%
1-408-418-00	s	INDUCTOR, MICRO 56 5%
1-408-419-00	s	INDUCTOR, MICRO 68 5%
1-408-420-00	s	INDUCTOR, MICRO 82 5%
1-408-421-00	s	INDUCTOR, MICRO 100 5%
1-408-422-00	s	INDUCTOR, MICRO 120 5%
1-408-423-00	s	INDUCTOR, MICRO 150 5%
1-408-424-00	s	INDUCTOR, MICRO 180 5%
1-408-425-00	s	INDUCTOR, MICRO 220 5%
1-408-426-00	s	INDUCTOR, MICRO 270 5%
1-408-427-00	s	INDUCTOR, MICRO 330 5%
1-408-428-00	s	INDUCTOR, MICRO 390 5%
1-408-429-00	s	INDUCTOR, MICRO 470 5%

CAPACITOR, TANTALUM

Part No.	SP	Description
1-131-396-11	s	CAP, TANTALUM 0.01 20% 35V
1-131-397-11	s	CAP, TANTALUM 0.015 20% 35V
1-131-398-11	s	CAP, TANTALUM 0.022 20% 35V
1-131-399-11	s	CAP, TANTALUM 0.033 20% 35V
1-131-400-11	s	CAP, TANTALUM 0.047 20% 35V
1-131-401-21	s	CAP, TANTALUM 0.068 10% 35V
1-131-341-21	s	CAP, TANTALUM 0.1 10% 35V
1-131-342-21	s	CAP, TANTALUM 0.15 10% 35V
1-131-343-21	s	CAP, TANTALUM 0.22 10% 35V
1-131-344-21	s	CAP, TANTALUM 0.33 10% 35V
1-131-412-11	s	CAP, TANTALUM 0.47 20% 20V
1-131-345-21	s	CAP, TANTALUM 0.47 10% 35V
1-131-410-11	s	CAP, TANTALUM 0.68 20% 25V
1-131-346-21	s	CAP, TANTALUM 0.68 10% 35V
1-131-413-11	s	CAP, TANTALUM 1.0 20% 20V
1-131-347-21	s	CAP, TANTALUM 1.0 10% 35V
1-131-416-11	s	CAP, TANTALUM 1.5 20% 16V
1-131-348-21	s	CAP, TANTALUM 1.5 10% 35V
1-131-419-11	s	CAP, TANTALUM 2.2 20% 10V
1-131-361-21	s	CAP, TANTALUM 2.2 10% 20V
1-131-349-21	s	CAP, TANTALUM 2.2 10% 35V
1-131-422-11	s	CAP, TANTALUM 3.3 20% 6.3V
1-131-368-21	s	CAP, TANTALUM 3.3 10% 16V
1-131-356-21	s	CAP, TANTALUM 3.3 10% 25V
1-131-350-21	s	CAP, TANTALUM 3.3 10% 35V
1-131-425-11	s	CAP, TANTALUM 4.7 20% 3.15V
1-131-375-21	s	CAP, TANTALUM 4.7 10% 10V
1-131-363-21	s	CAP, TANTALUM 4.7 10% 20V
1-131-351-21	s	CAP, TANTALUM 4.7 10% 35V
1-131-382-21	s	CAP, TANTALUM 6.8 10% 6.3V
1-131-370-21	s	CAP, TANTALUM 6.8 10% 16V
1-131-358-21	s	CAP, TANTALUM 6.8 10% 25V
1-131-352-21	s	CAP, TANTALUM 6.8 10% 35V
1-131-389-21	s	CAP, TANTALUM 10 10% 3.15V
1-131-377-21	s	CAP, TANTALUM 10 10% 10V
1-131-365-21	s	CAP, TANTALUM 10 10% 20V
1-131-353-21	s	CAP, TANTALUM 10 10% 35V
1-131-384-21	s	CAP, TANTALUM 15 10% 6.3V
1-131-372-21	s	CAP, TANTALUM 15 10% 16V
1-131-360-21	s	CAP, TANTALUM 15 10% 25V
1-131-391-21	s	CAP, TANTALUM 22 10% 3.15V
1-131-379-21	s	CAP, TANTALUM 22 10% 10V
1-131-367-21	s	CAP, TANTALUM 22 10% 20V
1-131-386-21	s	CAP, TANTALUM 33 10% 6.3V
1-131-374-21	s	CAP, TANTALUM 33 10% 16V
1-131-393-21	s	CAP, TANTALUM 47 10% 3.15V
1-131-381-21	s	CAP, TANTALUM 47 10% 10V
1-131-388-21	s	CAP, TANTALUM 68 10% 6.3V
1-131-395-21	s	CAP, TANTALUM 100 10% 3.15V

CAPACITOR, CHIP TANTALUM

Part No.	SP	Description
1-135-070-00	s	CAP, CHIP TANTALUM 0.1 10% 35V
1-135-071-21	s	CAP, CHIP TANTALUM 0.15 10% 35V
1-135-072-21	s	CAP, CHIP TANTALUM 0.22 10% 35V
1-135-073-00	s	CAP, CHIP TANTALUM 0.33 10% 35V
1-135-145-11	s	CAP, CHIP TANTALUM 0.47 20% 35V
1-135-074-21	s	CAP, CHIP TANTALUM 0.47 10% 35V
1-135-087-21	s	CAP, CHIP TANTALUM 0.68 10% 20V
1-135-075-21	s	CAP, CHIP TANTALUM 0.68 10% 35V
1-135-091-00	s	CAP, CHIP TANTALUM 1.0 10% 16V
1-135-076-21	s	CAP, CHIP TANTALUM 1.0 10% 35V
1-135-152-21	s	CAP, CHIP TANTALUM 1.5 10% 35V
1-135-077-21	s	CAP, CHIP TANTALUM 1.5 10% 35V
1-135-153-21	s	CAP, CHIP TANTALUM 2.2 10% 25V
1-135-078-21	s	CAP, CHIP TANTALUM 2.2 10% 35V
1-135-092-21	s	CAP, CHIP TANTALUM 3.3 10% 16V
1-135-079-21	s	CAP, CHIP TANTALUM 3.3 10% 35V
1-135-155-21	s	CAP, CHIP TANTALUM 4.7 10% 16V
1-135-085-21	s	CAP, CHIP TANTALUM 4.7 10% 25V
1-135-156-21	s	CAP, CHIP TANTALUM 6.8 10% 10V
1-135-089-21	s	CAP, CHIP TANTALUM 6.8 10% 20V
1-135-159-21	s	CAP, CHIP TANTALUM 10 10% 20V
1-135-097-21	s	CAP, CHIP TANTALUM 15 10% 10V
1-135-161-21	s	CAP, CHIP TANTALUM 22 10% 10V
1-135-166-21	s	CAP, CHIP TANTALUM 47 10% 10V

CAPACITOR, CHIP CERAMIC

Part No.	SP	Description
1-163-083-00	s	CAP, CHIP CERAMIC 1pF +-0.25pF 5
1-163-085-00	s	CAP, CHIP CERAMIC 2pF +-0.25pF 5
1-163-087-00	s	CAP, CHIP CERAMIC 4pF +-0.25pF 5
1-163-089-00	s	CAP, CHIP CERAMIC 6pF +-0.5pF 50
1-163-091-00	s	CAP, CHIP CERAMIC 8pF +-0.5pF 50
1-163-093-00	s	CAP, CHIP CERAMIC 10pF 5% 50V
1-163-097-00	s	CAP, CHIP CERAMIC 15pF 5% 50V
1-163-101-00	s	CAP, CHIP CERAMIC 22pF 5% 50V
1-163-105-00	s	CAP, CHIP CERAMIC 33pF 5% 50V
1-163-109-00	s	CAP, CHIP CERAMIC 47pF 5% 50V
1-163-113-00	s	CAP, CHIP CERAMIC 68pF 5% 50V
1-163-117-00	s	CAP, CHIP CERAMIC 100pF 5% 50V
1-163-121-00	s	CAP, CHIP CERAMIC 150pF 5% 50V
1-163-125-00	s	CAP, CHIP CERAMIC 220pF 5% 50V
1-163-129-00	s	CAP, CHIP CERAMIC 330pF 5% 50V
1-163-133-00	s	CAP, CHIP CERAMIC 470pF 5% 50V
1-163-137-00	s	CAP, CHIP CERAMIC 680pF 5% 50V
1-163-141-00	s	CAP, CHIP CERAMIC 1000pF 5% 50V
1-163-145-00	s	CAP, CHIP CERAMIC 1500pF 10% 50V
1-164-161-11	s	CAP, CHIP CERAMIC 2200pF 10% 100V
1-164-182-11	s	CAP, CHIP CERAMIC 3300pF 10% 100V
1-163-017-00	s	CAP, CHIP CERAMIC 4700pF 10% 50V
1-163-019-00	s	CAP, CHIP CERAMIC 6800pF 10% 50V
1-164-232-11	s	CAP, CHIP CERAMIC 0.01 20% 100V
1-163-023-00	s	CAP, CHIP CERAMIC 0.015 10% 50V
1-163-034-00	s	CAP, CHIP CERAMIC 0.033 50V
1-163-035-00	s	CAP, CHIP CERAMIC 0.047 50V
1-163-036-00	s	CAP, CHIP CERAMIC 0.068 50V
1-163-038-00	s	CAP, CHIP CERAMIC 0.1 50V

RESISTOR, METAL

Part No.	SP	Description
1-215-373-31	s	RES, METAL 10 1% 1/6W
1-215-374-00	s	RES, METAL 11 1% 1/6W
1-215-375-00	s	RES, METAL 12 1% 1/6W
1-215-376-00	s	RES, METAL 13 1% 1/6W
1-215-377-00	s	RES, METAL 15 1% 1/6W
1-215-378-00	s	RES, METAL 16 1% 1/6W
1-215-379-00	s	RES, METAL 18 1% 1/6W
1-215-380-00	s	RES, METAL 20 1% 1/6W
1-215-381-00	s	RES, METAL 22 1% 1/6W
1-215-382-00	s	RES, METAL 24 1% 1/6W
1-215-383-00	s	RES, METAL 27 1% 1/6W
1-215-384-00	s	RES, METAL 30 1% 1/6W
1-215-385-00	s	RES, METAL 33 1% 1/6W
1-215-386-00	s	RES, METAL 36 1% 1/6W
1-215-387-00	s	RES, METAL 39 1% 1/6W
1-215-388-00	s	RES, METAL 43 1% 1/6W
1-215-389-00	s	RES, METAL 47 1% 1/6W
1-215-390-00	s	RES, METAL 51 1% 1/6W
1-215-391-00	s	RES, METAL 56 1% 1/6W
1-215-392-00	s	RES, METAL 62 1% 1/6W
1-215-393-00	s	RES, METAL 68 1% 1/6W
1-215-394-00	s	RES, METAL 75 1% 1/6W
1-215-395-00	s	RES, METAL 82 1% 1/6W
1-215-396-00	s	RES, METAL 91 1% 1/6W
1-215-397-00	s	RES, METAL 100 1% 1/6W
1-215-398-00	s	RES, METAL 110 1% 1/6W
1-215-399-00	s	RES, METAL 120 1% 1/6W
1-215-400-00	s	RES, METAL 130 1% 1/6W
1-215-401-00	s	RES, METAL 150 1% 1/6W
1-215-402-00	s	RES, METAL 160 1% 1/6W
1-215-403-00	s	RES, METAL 180 1% 1/6W
1-215-404-00	s	RES, METAL 200 1% 1/6W
1-215-405-00	s	RES, METAL 220 1% 1/6W
1-215-406-00	s	RES, METAL 240 1% 1/6W
1-215-407-00	s	RES, METAL 270 1% 1/6W
1-215-408-00	s	RES, METAL 300 1% 1/6W
1-215-409-00	s	RES, METAL 330 1% 1/6W
1-215-410-00	s	RES, METAL 360 1% 1/6W
1-215-411-00	s	RES, METAL 390 1% 1/6W
1-215-412-00	s	RES, METAL 430 1% 1/6W
1-215-413-00	s	RES, METAL 470 1% 1/6W
1-215-414-00	s	RES, METAL 510 1% 1/6W
1-215-415-00	s	RES, METAL 560 1% 1/6W
1-215-416-00	s	RES, METAL 620 1% 1/6W
1-215-417-00	s	RES, METAL 680 1% 1/6W
1-215-418-00	s	RES, METAL 750 1% 1/6W
1-215-419-00	s	RES, METAL 820 1% 1/6W
1-215-420-00	s	RES, METAL 910 1% 1/6W
1-215-421-00	s	RES, METAL 1.0k 1% 1/6W
1-215-422-00	s	RES, METAL 1.1k 1% 1/6W
1-215-423-00	s	RES, METAL 1.2k 1% 1/6W
1-215-424-00	s	RES, METAL 1.3k 1% 1/6W
1-215-425-00	s	RES, METAL 1.5k 1% 1/6W
1-215-426-00	s	RES, METAL 1.6k 1% 1/6W
1-215-427-00	s	RES, METAL 1.8k 1% 1/6W
1-215-428-00	s	RES, METAL 2.0k 1% 1/6W
1-215-429-00	s	RES, METAL 2.2k 1% 1/6W
1-215-430-00	s	RES, METAL 2.4k 1% 1/6W
1-215-431-00	s	RES, METAL 2.7k 1% 1/6W
1-215-432-00	s	RES, METAL 3.0k 1% 1/6W

(RESISTOR, METAL)

Part No.	SP	Description
1-215-433-00	s	RES, METAL 3.3k 1% 1/6W
1-215-434-00	s	RES, METAL 3.6k 1% 1/6W
1-215-435-00	s	RES, METAL 3.9k 1% 1/6W
1-215-436-00	s	RES, METAL 4.3k 1% 1/6W
1-215-437-00	s	RES, METAL 4.7k 1% 1/6W
1-215-438-00	s	RES, METAL 5.1k 1% 1/6W
1-215-439-00	s	RES, METAL 5.6k 1% 1/6W
1-215-440-00	s	RES, METAL 6.2k 1% 1/6W
1-215-441-00	s	RES, METAL 6.8k 1% 1/6W
1-215-442-00	s	RES, METAL 7.5k 1% 1/6W
1-215-443-00	s	RES, METAL 8.2k 1% 1/6W
1-215-444-00	s	RES, METAL 9.1k 1% 1/6W
1-215-445-00	s	RES, METAL 10k 1% 1/6W
1-215-446-00	s	RES, METAL 11k 1% 1/6W
1-215-447-00	s	RES, METAL 12k 1% 1/6W
1-215-448-00	s	RES, METAL 13k 1% 1/6W
1-215-449-00	s	RES, METAL 15k 1% 1/6W
1-215-450-00	s	RES, METAL 16k 1% 1/6W
1-215-451-00	s	RES, METAL 18k 1% 1/6W
1-215-452-00	s	RES, METAL 20k 1% 1/6W
1-215-453-00	s	RES, METAL 22k 1% 1/6W
1-215-454-00	s	RES, METAL 24k 1% 1/6W
1-215-455-00	s	RES, METAL 27k 1% 1/6W
1-215-456-00	s	RES, METAL 30k 1% 1/6W
1-215-457-00	s	RES, METAL 33k 1% 1/6W
1-215-458-00	s	RES, METAL 36k 1% 1/6W
1-215-459-00	s	RES, METAL 39k 1% 1/6W
1-215-460-00	s	RES, METAL 43k 1% 1/6W
1-215-461-00	s	RES, METAL 47k 1% 1/6W
1-215-462-00	s	RES, METAL 51k 1% 1/6W
1-215-463-00	s	RES, METAL 56k 1% 1/6W
1-215-464-00	s	RES, METAL 62k 1% 1/6W
1-215-465-00	s	RES, METAL 68k 1% 1/6W
1-215-466-00	s	RES, METAL 75k 1% 1/6W
1-215-467-00	s	RES, METAL 82k 1% 1/6W
1-215-468-00	s	RES, METAL 91k 1% 1/6W
1-215-469-00	s	RES, METAL 100k 1% 1/6W
1-215-470-00	s	RES, METAL 110k 1% 1/6W
1-215-471-00	s	RES, METAL 120k 1% 1/6W
1-215-472-00	s	RES, METAL 130k 1% 1/6W
1-215-473-00	s	RES, METAL 150k 1% 1/6W
1-215-474-00	s	RES, METAL 160k 1% 1/6W
1-215-475-00	s	RES, METAL 180k 1% 1/6W
1-215-476-00	s	RES, METAL 200k 1% 1/6W
1-215-477-00	s	RES, METAL 220k 1% 1/6W
1-215-478-00	s	RES, METAL 240k 1% 1/6W
1-215-479-00	s	RES, METAL 270k 1% 1/6W
1-215-480-00	s	RES, METAL 300k 1% 1/6W
1-215-481-00	s	RES, METAL 330k 1% 1/6W
1-215-482-00	s	RES, METAL 360k 1% 1/6W
1-215-483-00	s	RES, METAL 390k 1% 1/6W
1-215-484-00	s	RES, METAL 430k 1% 1/6W
1-215-485-00	s	RES, METAL 470k 1% 1/6W
1-215-486-00	s	RES, METAL 510k 1% 1/6W
1-215-487-00	s	RES, METAL 560k 1% 1/6W
1-215-488-00	s	RES, METAL 620k 1% 1/6W
1-215-489-00	s	RES, METAL 680k 1% 1/6W
1-215-490-00	s	RES, METAL 750k 1% 1/6W
1-215-491-00	s	RES, METAL 820k 1% 1/6W
1-215-492-00	s	RES, METAL 910k 1% 1/6W

(RESISTOR, METAL)

Part No.	SP	Description
1-215-493-00	s	RES, METAL 1.0M 1% 1/6W

RESISTOR, CHIP

Part No.	SP	Description
1-216-295-00	s	RES, CHIP 0 5% 1/10W
1-216-298-00	s	RES, CHIP 2.2 5% 1/10W
1-216-302-00	s	RES, CHIP 2.7 5% 1/10W
1-216-304-00	s	RES, CHIP 3.3 5% 1/10W
1-216-306-00	s	RES, CHIP 3.9 5% 1/10W
1-216-308-00	s	RES, CHIP 4.7 5% 1/10W
1-216-309-00	s	RES, CHIP 5.6 5% 1/10W
1-216-311-00	s	RES, CHIP 6.8 5% 1/10W
1-216-313-00	s	RES, CHIP 8.2 5% 1/10W
1-216-001-00	s	RES, CHIP 10 5% 1/10W
1-216-003-00	s	RES, CHIP 12 5% 1/10W
1-216-005-00	s	RES, CHIP 15 5% 1/10W
1-216-007-00	s	RES, CHIP 18 5% 1/10W
1-216-009-00	s	RES, CHIP 22 5% 1/10W
1-216-011-00	s	RES, CHIP 27 5% 1/10W
1-216-013-00	s	RES, CHIP 33 5% 1/10W
1-216-015-00	s	RES, CHIP 39 5% 1/10W
1-216-017-00	s	RES, CHIP 47 5% 1/10W
1-216-019-00	s	RES, CHIP 56 5% 1/10W
1-216-021-00	s	RES, CHIP 68 5% 1/10W
1-216-023-00	s	RES, CHIP 82 5% 1/10W
1-216-025-00	s	RES, CHIP 100 5% 1/10W
1-216-027-00	s	RES, CHIP 120 5% 1/10W
1-216-029-00	s	RES, CHIP 150 5% 1/10W
1-216-031-00	s	RES, CHIP 180 5% 1/10W
1-216-033-00	s	RES, CHIP 220 5% 1/10W
1-216-035-00	s	RES, CHIP 270 5% 1/10W
1-216-037-00	s	RES, CHIP 330 5% 1/10W
1-216-039-00	s	RES, CHIP 390 5% 1/10W
1-216-041-00	s	RES, CHIP 470 5% 1/10W
1-216-043-00	s	RES, CHIP 560 5% 1/10W
1-216-045-00	s	RES, CHIP 680 5% 1/10W
1-216-047-00	s	RES, CHIP 820 5% 1/10W
1-216-049-00	s	RES, CHIP 1k 5% 1/10W
1-216-051-00	s	RES, CHIP 1.2k 5% 1/10W
1-216-053-00	s	RES, CHIP 1.5k 5% 1/10W
1-216-055-00	s	RES, CHIP 1.8k 5% 1/10W
1-216-057-00	s	RES, CHIP 2.2k 5% 1/10W
1-216-059-00	s	RES, CHIP 2.7k 5% 1/10W
1-216-061-00	s	RES, CHIP 3.3k 5% 1/10W
1-216-063-00	s	RES, CHIP 3.9k 5% 1/10W
1-216-065-00	s	RES, CHIP 4.7k 5% 1/10W
1-216-067-00	s	RES, CHIP 5.6k 5% 1/10W
1-216-069-00	s	RES, CHIP 6.8k 5% 1/10W
1-216-071-00	s	RES, CHIP 8.2k 5% 1/10W
1-216-073-00	s	RES, CHIP 10k 5% 1/10W
1-216-075-00	s	RES, CHIP 12k 5% 1/10W
1-216-077-00	s	RES, CHIP 15k 5% 1/10W
1-216-079-00	s	RES, CHIP 18k 5% 1/10W
1-216-081-00	s	RES, CHIP 22k 5% 1/10W
1-216-083-00	s	RES, CHIP 27k 5% 1/10W
1-216-085-00	s	RES, CHIP 33k 5% 1/10W
1-216-087-00	s	RES, CHIP 39k 5% 1/10W
1-216-089-00	s	RES, CHIP 47k 5% 1/10W
1-216-091-00	s	RES, CHIP 56k 5% 1/10W
1-216-093-00	s	RES, CHIP 68k 5% 1/10W
1-216-095-00	s	RES, CHIP 82k 5% 1/10W
1-216-097-00	s	RES, CHIP 100k 5% 1/10W
1-216-099-00	s	RES, CHIP 120k 5% 1/10W
1-216-101-00	s	RES, CHIP 150k 5% 1/10W

(RESISTOR, CHIP)

Part No.	SP	Description
1-216-103-00	s	RES, CHIP 180k 5% 1/10W
1-216-105-00	s	RES, CHIP 220k 5% 1/10W
1-216-107-00	s	RES, CHIP 270k 5% 1/10W
1-216-109-00	s	RES, CHIP 330k 5% 1/10W
1-216-111-00	s	RES, CHIP 390k 5% 1/10W
1-216-113-00	s	RES, CHIP 470k 5% 1/10W
1-216-115-00	s	RES, CHIP 560k 5% 1/10W
1-216-117-00	s	RES, CHIP 680k 5% 1/10W
1-216-119-00	s	RES, CHIP 820k 5% 1/10W
1-216-121-00	s	RES, CHIP 1.0M 5% 1/10W
1-216-123-00	s	RES, CHIP 1.2M 5% 1/10W
1-216-125-00	s	RES, CHIP 1.5M 5% 1/10W
1-216-127-00	s	RES, CHIP 1.8M 5% 1/10W
1-216-129-00	s	RES, CHIP 2.2M 5% 1/10W
1-216-131-00	s	RES, CHIP 2.7M 5% 1/10W
1-216-133-00	s	RES, CHIP 3.3M 5% 1/10W

AB-13 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-905-A	o	MOUNTED CIRCUIT BOARD, AB-13
2pcs	1-560-707-00	o	POLARISING KEY
2pcs	3-711-775-01	o	LEVER, PULL
C16	1-126-389-11	s	ELECT 2.7MF 20% 100V
C20	1-126-389-11	s	ELECT 2.7MF 20% 100V
C23	1-124-261-00	s	ELECT 10uF 20% 50V
C26	1-161-897-11	s	CERAMIC 0.33MF 50V
C116	1-126-389-11	s	ELECT 2.7MF 20% 100V
C120	1-126-389-11	s	ELECT 2.7MF 20% 100V
C123	1-124-261-00	s	ELECT 10uF 20% 50V
C126	1-161-897-11	s	CERAMIC 0.33MF 50V
C216	1-126-389-11	s	ELECT 2.7MF 20% 100V
C220	1-126-389-11	s	ELECT 2.7MF 20% 100V
C223	1-124-261-00	s	ELECT 10uF 20% 50V
C226	1-161-897-11	s	CERAMIC 0.33MF 50V
C304	1-163-115-00	s	CERAMIC CHIP 82PF 5% 50V
C307	1-126-389-11	s	ELECT 2.7MF 20% 100V
C309	1-126-389-11	s	ELECT 2.7MF 20% 100V
C310	1-126-389-11	s	ELECT 2.7MF 20% 100V
C312	1-126-389-11	s	ELECT 2.7MF 20% 100V
C314	1-126-389-11	s	ELECT 2.7MF 20% 100V
C316	1-126-364-51	s	ELECT 22MF 20% 100V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
CV1	1-141-301-11	s	CERAMIC TRIMMER 35P
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-105-32	s	DIODE RD2.7M-B2
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-800-76	s	DIODE 1SS226
D7	8-719-106-70	s	DIODE RD12M-B1
D8	8-719-800-76	s	DIODE 1SS226
D9	8-719-800-76	s	DIODE 1SS226
D10	8-719-800-76	s	DIODE 1SS226
D11	8-719-800-76	s	DIODE 1SS226
IC1	8-741-136-90	s	IC BX1369
IC2	8-752-320-38	s	IC CXL5002M
IC3	8-741-105-40	s	IC BX1054
IC4	8-741-136-90	s	IC BX1369
IC5	8-741-136-90	s	IC BX1369
IC6	8-752-320-38	s	IC CXL5002M
IC7	8-741-105-40	s	IC BX1054
IC8	8-741-136-90	s	IC BX1369
IC9	8-741-136-90	s	IC BX1369
IC10	8-752-320-38	s	IC CXL5002M
IC11	8-741-105-40	s	IC BX1054
IC12	8-741-136-90	s	IC BX1369
LPF1	1-236-212-11	s	FILTER, TRAP, 11.6MHz
LPF2	1-236-212-11	s	FILTER, TRAP, 11.6MHz
LPF3	1-236-212-11	s	FILTER, TRAP, 11.6MHz
Q1	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q3	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q4	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q5	8-729-140-31	s	TRANSISTOR 2SA1461-Y23

(AB-13 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q6	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q7	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q8	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q11	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q12	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q13	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q14	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q15	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q16	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q17	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q18	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q19	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q20	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q31	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q32	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q33	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q34	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q35	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q36	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q37	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q38	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q41	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q42	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q43	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q45	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q46	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q47	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q48	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q49	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q50	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q61	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q62	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q63	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q64	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q65	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q66	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q67	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q68	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q71	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q72	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q73	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q75	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q76	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q77	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q78	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q79	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q80	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q101	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q102	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q103	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q104	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q105	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q106	8-729-110-53	s	TRANSISTOR 2SA1005
Q107	8-729-420-14	s	TRANSISTOR 2SK614
Q108	8-729-110-53	s	TRANSISTOR 2SA1005
Q109	8-729-420-14	s	TRANSISTOR 2SK614
Q110	8-729-110-53	s	TRANSISTOR 2SA1005
Q111	8-729-420-14	s	TRANSISTOR 2SK614

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(AB-13 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R31	1-216-070-00	s	METAL CHIP 7.5K 5% 1/10W
R131	1-216-070-00	s	METAL CHIP 7.5K 5% 1/10W
R231	1-216-070-00	s	METAL CHIP 7.5K 5% 1/10W
RV1	1-228-456-00	s	RES, ADJ, METAL 1K
RV2	1-228-454-00	s	RES, ADJ, METAL 200
RV3	1-228-461-00	s	RES, ADJ, METAL 50K
RV4	1-228-461-00	s	RES, ADJ, METAL 50K
RV5	1-228-456-00	s	RES, ADJ, METAL 1K
RV7	1-228-458-00	s	RES, ADJ, METAL 5K
RV8	1-228-472-00	s	RES, ADJ, METAL 2K
RV9	1-228-476-00	s	RES, ADJ, METAL 50K
RV11	1-228-456-00	s	RES, ADJ, METAL 1K
RV12	1-228-454-00	s	RES, ADJ, METAL 200
RV13	1-228-461-00	s	RES, ADJ, METAL 50K
RV13	1-228-461-00	s	RES, ADJ, METAL 50K
RV14	1-228-461-00	s	RES, ADJ, METAL 50K
RV15	1-228-456-00	s	RES, ADJ, METAL 1K
RV17	1-228-458-00	s	RES, ADJ, METAL 5K
RV18	1-228-472-00	s	RES, ADJ, METAL 2K
RV19	1-228-476-00	s	RES, ADJ, METAL 50K
RV21	1-228-456-00	s	RES, ADJ, METAL 1K
RV22	1-228-454-00	s	RES, ADJ, METAL 200
RV23	1-228-461-00	s	RES, ADJ, METAL 50K
RV24	1-228-461-00	s	RES, ADJ, METAL 50K
RV25	1-228-456-00	s	RES, ADJ, METAL 1K
RV27	1-228-458-00	s	RES, ADJ, METAL 5K
RV28	1-228-472-00	s	RES, ADJ, METAL 2K
RV29	1-228-476-00	s	RES, ADJ, METAL 50K
S1	1-554-399-21	s	SWITCH, TOGGLE
X1	1-577-135-12	s	VIBRATOR, CRYSTAL

CN-262 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-786-B	o	MOUNTED CIRCUIT BOARD, CN-262
2pcs	1-560-707-00	o	POLARISING KEY
1pc	1-565-690-21	o	CONNECTOR, FLAT CABLE 60P
1pc	1-574-442-11	o	CABLE ASSY, FLAT
C1	1-162-710-11	s	CERAMIC 100PF 5% 50V
C2	1-124-478-11	s	ELECT 100MF 20% 25V
C3	1-161-485-00	s	CERAMIC 0.1MF 50V
C4	1-124-479-11	s	ELECT 330MF 20% 25V
C5	1-162-710-11	s	CERAMIC 100PF 5% 50V
C6	1-161-485-00	s	CERAMIC 0.1MF 50V
C7	1-124-478-11	s	ELECT 100MF 20% 25V
C8	1-124-120-11	s	ELECT 220MF 20% 25V
C9	1-124-478-11	s	ELECT 100MF 20% 25V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
CN2	1-506-479-11	o	CONNECTOR, 14P, MALE
CN3	1-506-471-11	o	CONNECTOR, 6P, MALE
CN4	1-506-475-11	o	CONNECTOR, 10P, MALE
CN5	1-506-475-11	o	CONNECTOR, 10P, MALE
CN6	1-506-483-21	o	CONNECTOR, 4P, MALE
IC1	8-759-702-01	s	IC NJM386BS
IC2	8-759-702-01	s	IC NJM386BS
IC3	8-759-009-07	s	IC MC14053BF
L1	1-410-284-11	s	10uH (WITH CORE)
L2	1-410-284-11	s	10uH (WITH CORE)
Q1	8-729-159-64	s	TRANSISTOR 2SD596DV
Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
R1	1-249-389-11	s	CARBON 4.7 5% 1/6W
R2	1-249-433-11	s	CARBON 22K 5% 1/4W
R3	1-249-389-11	s	CARBON 4.7 5% 1/6W
R4	1-249-433-11	s	CARBON 22K 5% 1/4W

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

DF-46 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-788-A	o	MOUNTED CIRCUIT BOARD, DF-46
10pcs	3-693-779-01	o	PLATE
2pcs	3-711-775-01	o	LEVER, PULL
C1	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C3	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C5	1-109-626-00	s	MICA 100PF 2% 500V
C6	1-126-163-11	s	ELECT 4.7MF 20% 50V
C7	1-109-626-00	s	MICA 100PF 2% 500V
C8	1-126-163-11	s	ELECT 4.7MF 20% 50V
C10	1-106-383-00	s	MYLAR 0.047MF 5% 100V
C11	1-106-383-00	s	MYLAR 0.047MF 5% 100V
C13	1-106-383-00	s	MYLAR 0.047MF 5% 100V
C14	1-106-383-00	s	MYLAR 0.047MF 5% 100V
C19	1-106-375-12	s	MYLAR 0.022MF 5% 200V
C20	1-123-382-00	s	ELECT 3.3MF 20% 100V
C21	1-106-375-12	s	MYLAR 0.022MF 5% 200V
C22	1-123-382-00	s	ELECT 3.3MF 20% 100V
C25	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C41	1-124-799-11	s	ELECT 2.2MF 20% 160V
C42	1-124-799-11	s	ELECT 2.2MF 20% 160V
C43	1-124-925-11	s	ELECT 2.2uF 20% 100V
C44	1-124-925-11	s	ELECT 2.2uF 20% 100V
C45	1-124-477-11	s	ELECT 47MF 20% 25V
C46	1-124-477-11	s	ELECT 47MF 20% 25V
C47	1-124-929-11	s	ELECT 22MF 20% 100V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-800-76	s	DIODE 1SS226
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-800-76	s	DIODE 1SS226
D7	8-719-800-76	s	DIODE 1SS226
D8	8-719-800-76	s	DIODE 1SS226
D9	8-719-800-76	s	DIODE 1SS226
D10	8-719-800-76	s	DIODE 1SS226
D11	8-719-800-76	s	DIODE 1SS226
D12	8-719-800-76	s	DIODE 1SS226
D13	8-719-800-76	s	DIODE 1SS226
IC1	8-759-014-29	s	IC MC34184M
IC2	8-759-014-29	s	IC MC34184M
IC3	8-759-014-29	s	IC MC34184M
IC4	8-759-014-29	s	IC MC34184M
IC5	8-759-030-16	s	IC MC34182M
IC6	8-759-030-16	s	IC MC34182M
IC7	8-759-009-07	s	IC MC14053BF
IC8	8-759-009-07	s	IC MC14053BF
IC9	1-808-674-11	s	IC H-SAW
IC10	1-808-675-11	s	IC H-REG
IC11	1-808-675-11	s	IC H-REG
IC12	1-808-675-11	s	IC H-REG
IC13	1-808-675-11	s	IC H-REG
IC14	1-808-673-11	s	IC V-SAW
IC15	1-808-676-11	s	IC V-REG
IC16	1-808-676-11	s	IC V-REG
IC17	1-808-676-11	s	IC V-REG
IC18	1-808-676-11	s	IC V-REG

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(DF-46 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q1	8-729-100-66	s	TRANSISTOR 2SC1623
Q2	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q3	8-729-100-66	s	TRANSISTOR 2SC1623
Q4	8-729-100-66	s	TRANSISTOR 2SC1623
Q5	8-729-100-66	s	TRANSISTOR 2SC1623
Q6	8-729-100-66	s	TRANSISTOR 2SC1623
R8	1-216-655-11	s	METAL CHIP 1.5K 0.50% 1/10W
R11	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R12	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R14	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R15	1-216-691-11	s	METAL CHIP 47K 0.50% 1/10W
R16	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R33	1-216-673-11	s	METAL CHIP 8.2K 0.50% 1/10W
R36	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R37	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R42	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R43	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R47	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R48	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R49	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R50	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R63	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R64	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R77	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R78	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R85	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R86	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R90	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R91	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R92	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R93	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R124	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R125	1-216-691-11	s	METAL CHIP 47K 0.50% 1/10W
R126	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
RV1	1-228-464-00	s	RES, ADJ, METAL 500K
RV2	1-228-463-00	s	RES, ADJ, METAL 200K
RV3	1-228-457-00	s	RES, ADJ, METAL 2K
RV4	1-228-466-00	s	RES, ADJ, METAL 2M
RV5	1-228-464-00	s	RES, ADJ, METAL 500K
RV6	1-228-459-00	s	RES, ADJ, METAL 10K
RV7	1-228-461-00	s	RES, ADJ, METAL 50K
RV8	1-228-461-00	s	RES, ADJ, METAL 50K
RV9	1-228-478-11	s	RES, ADJ, METAL 200K
RV10	1-228-479-00	s	RES, ADJ, METAL 500K

EX-188 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-793-A	o	MOUNTED CIRCUIT BOARD, EX-188
CN1	1-564-853-11	o	CONNECTOR, 50P, MALE
CN2	1-564-851-11	o	CONNECTOR, 50P, MALE

IF-213 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-790-B	o	MOUNTED CIRCUIT BOARD, IF-213
1pc	3-686-054-02	o	STUD, SUPPORT, PC BOARD
C101	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C102	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C111	1-125-390-11	s	DOUBLE LAYERS 0.047 5.5V
C250	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C251	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C254	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C255	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
CN1	1-565-082-11	o	CONNECTOR, 60P, MALE
CN2	1-506-487-11	o	CONNECTOR, 8P, MALE
CN3	1-506-637-11	o	CONNECTOR, 16P, MALE
CN4	1-565-089-11	o	CONNECTOR, 40P, FEMALE
CNI106	1-540-024-12	o	SOCKET, IC
CP101	1-567-796-11	s	14.7456MHz
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-800-76	s	DIODE 1SS226
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-800-76	s	DIODE 1SS226
D101	8-719-104-34	s	DIODE 1S2836
IC101	8-759-234-54	s	IC TMPZ84C015AF-6
IC102	8-759-926-11	s	IC SN74HC138NS
IC103	8-759-926-11	s	IC SN74HC138NS
IC104	8-759-926-11	s	IC SN74HC138NS
IC105	8-759-926-11	s	IC SN74HC138NS
IC106	8-759-733-50	s	IC MBM27C256A-20TV/CHU
IC107	8-759-303-80	s	IC HM6264LFP-15T
IC108	8-759-748-27	s	IC UPD28C64C-25
IC109	8-759-748-27	s	IC UPD28C64C-25
IC110	8-759-748-27	s	IC UPD28C64C-25
IC111	8-759-204-84	s	IC TC40H259F
IC112	8-759-030-50	s	IC MC14490F
IC113	8-759-030-50	s	IC MC14490F
IC114	8-759-030-50	s	IC MC14490F
IC115	8-759-926-82	s	IC SN74HC574NS
IC116	8-759-926-82	s	IC SN74HC574NS
IC117	8-759-926-82	s	IC SN74HC574NS
IC118	8-759-926-82	s	IC SN74HC574NS
IC119	8-759-926-82	s	IC SN74HC574NS
IC120	8-759-926-82	s	IC SN74HC574NS
IC121	8-759-926-82	s	IC SN74HC574NS
IC122	8-759-926-82	s	IC SN74HC574NS
IC123	8-759-926-82	s	IC SN74HC574NS
IC124	8-759-926-82	s	IC SN74HC574NS
IC125	8-759-926-82	s	IC SN74HC574NS
IC126	8-759-915-55	s	IC AD7542JN
IC127	8-759-915-55	s	IC AD7542JN
IC128	8-759-915-55	s	IC AD7542JN
IC129	8-759-230-85	s	IC TMPZ84C10AF
IC130	8-759-209-30	s	IC TMPZ84C20AF
IC131	8-759-926-82	s	IC SN74HC574NS
IC132	8-759-732-26	s	IC HD637B01Y0F/LENS IF
IC133	8-759-009-07	s	IC MC14053BF
IC134	8-759-009-07	s	IC MC14053BF
IC135	8-759-009-07	s	IC MC14053BF
IC136	8-759-204-84	s	IC TC40H259F
IC137	8-759-925-90	s	IC SN74HC74NS
IC138	8-759-201-61	s	IC TC40H004F
IC139	8-759-973-71	s	IC TL7705CPS-B
IC140	8-759-204-79	s	IC TC40H241F
IC141	8-759-201-53	s	IC TC40H000F
IC142	8-759-201-53	s	IC TC40H000F
IC143	8-759-201-61	s	IC TC40H004F
IC145	8-759-142-19	s	IC UPC4064G
IC201	8-759-142-19	s	IC UPC4064G
IC202	8-759-142-19	s	IC UPC4064G
IC203	8-759-977-93	s	IC AD7523JN
IC204	8-759-977-93	s	IC AD7523JN
IC205	8-759-977-93	s	IC AD7523JN
IC206	8-759-977-93	s	IC AD7523JN
IC207	8-759-142-23	s	IC CXD1354M
IC208	8-759-204-83	s	IC TC40H245F
IC209	8-752-323-63	s	IC CXK5816M-10L
IC210	8-759-106-58	s	IC UPD7004C
IC211	8-759-204-51	s	IC TC40H008F
IC212	8-759-030-50	s	IC MC14490F
P1	1-561-724-00	o	PLUG HOUSING, FEMALE, 3P
Q101	8-729-100-66	s	TRANSISTOR 2SC1623
Q102	8-729-216-22	s	TRANSISTOR 2SA812-M6
R106	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R203	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R204	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R205	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R206	1-216-676-11	s	METAL CHIP 11K 0.50% 1/10W
R208	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R209	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R210	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R211	1-216-676-11	s	METAL CHIP 11K 0.50% 1/10W
R215	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R216	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R217	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R219	1-216-676-11	s	METAL CHIP 11K 0.50% 1/10W
R220	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R221	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R222	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R223	1-216-676-11	s	METAL CHIP 11K 0.50% 1/10W
RV101	1-228-457-00	s	RES, ADJ, METAL 2K
RV102	1-228-457-00	s	RES, ADJ, METAL 2K
RV103	1-228-457-00	s	RES, ADJ, METAL 2K
S101	1-554-371-51	s	SWITCH, TACT
X101	1-567-912-11	s	OSCILLATOR, CERAMIC

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

IV-22 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-904-A	o	MOUNTED CIRCUIT BOARD, IV-22
2pcs	3-711-775-01	o	LEVER, PULL
C1	1-135-149-21	s	TANTALUM CHIP 2.2uF 10% 10V
C3	1-135-149-21	s	TANTALUM CHIP 2.2uF 10% 10V
C8	1-135-149-21	s	TANTALUM CHIP 2.2uF 10% 10V
C13	1-163-111-00	s	CERAMIC CHIP 56PF 5% 50V
C14	1-163-082-00	s	CERAMIC CHIP 0.5PF 0.25PF 50V
C22	1-163-111-00	s	CERAMIC CHIP 56PF 5% 50V
C23	1-163-082-00	s	CERAMIC CHIP 0.5PF 0.25PF 50V
C30	1-163-123-00	s	CERAMIC CHIP 180PF 5% 50V
C31	1-163-111-00	s	CERAMIC CHIP 56PF 5% 50V
C32	1-163-082-00	s	CERAMIC CHIP 0.5PF 0.25PF 50V
C41	1-163-123-00	s	CERAMIC CHIP 180PF 5% 50V
C42	1-163-111-00	s	CERAMIC CHIP 56PF 5% 50V
C43	1-163-082-00	s	CERAMIC CHIP 0.5PF 0.25PF 50V
C51	1-163-111-00	s	CERAMIC CHIP 56PF 5% 50V
C59	1-163-123-00	s	CERAMIC CHIP 180PF 5% 50V
C60	1-163-119-00	s	CERAMIC CHIP 120PF 5% 50V
C69	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C70	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C71	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C80	1-163-082-00	s	CERAMIC CHIP 0.5PF +-0.25PF 50V
C81	1-163-082-00	s	CERAMIC CHIP 0.5PF +-0.25PF 50V
C71	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
D1	8-719-105-32	s	DIODE RD2.7M-B2
D2	8-719-105-32	s	DIODE RD2.7M-B2
D3	8-719-104-31	s	DIODE 1S2838
D4	8-719-105-32	s	DIODE RD2.7M-B2
D5	8-719-104-31	s	DIODE 1S2838
D6	8-719-105-32	s	DIODE RD2.7M-B2
D7	8-719-104-31	s	DIODE 1S2838
D8	8-719-105-32	s	DIODE RD2.7M-B2
D9	8-719-105-32	s	DIODE RD2.7M-B2
D10	8-719-104-31	s	DIODE 1S2838
D11	8-719-104-31	s	DIODE 1S2838
D12	8-719-104-31	s	DIODE 1S2838
D13	8-719-104-31	s	DIODE 1S2838
D14	8-719-105-32	s	DIODE RD2.7M-B2
D15	8-719-948-47	s	DIODE HSM88AS
D16	8-719-948-47	s	DIODE HSM88AS
D17	8-719-948-47	s	DIODE HSM88AS
D18	8-719-948-47	s	DIODE HSM88AS
IC1	8-759-008-95	s	IC MC14028BF
IC2	8-759-009-49	s	IC MC14532BF
IC3	8-759-009-49	s	IC MC14532BF
IC4	1-808-668-11	s	IC IC HDVA-1
IC5	1-808-668-11	s	IC IC HDVA-1
IC6	8-759-142-19	s	IC UPC4064G
IC7	8-759-009-07	s	IC MC14053BF
Q1	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q2	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q3	8-729-112-65	s	TRANSISTOR 2SA1462
Q4	8-729-112-65	s	TRANSISTOR 2SA1462
Q5	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q6	8-729-122-63	s	TRANSISTOR 2SA1226

(IV-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q7	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q8	8-769-401-68	s	TRANSISTOR 3SK163-2
Q9	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q10	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q11	8-769-401-68	s	TRANSISTOR 3SK163-2
Q12	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q13	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q14	8-769-401-68	s	TRANSISTOR 3SK163-2
Q15	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q16	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q17	8-769-401-68	s	TRANSISTOR 3SK163-2
Q18	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q19	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q20	8-769-401-68	s	TRANSISTOR 3SK163-2
Q21	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q22	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q23	8-769-401-68	s	TRANSISTOR 3SK163-2
Q24	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q25	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q26	8-769-401-68	s	TRANSISTOR 3SK163-2
Q27	8-769-401-68	s	TRANSISTOR 3SK163-2
Q28	8-769-401-68	s	TRANSISTOR 3SK163-2
Q29	8-769-401-68	s	TRANSISTOR 3SK163-2
Q30	8-769-401-68	s	TRANSISTOR 3SK163-2
Q31	8-769-401-68	s	TRANSISTOR 3SK163-2
Q32	8-769-401-68	s	TRANSISTOR 3SK163-2
Q33	8-769-401-68	s	TRANSISTOR 3SK163-2
Q34	8-769-401-68	s	TRANSISTOR 3SK163-2
Q35	8-769-401-68	s	TRANSISTOR 3SK163-2
Q36	8-769-401-68	s	TRANSISTOR 3SK163-2
Q37	8-769-401-68	s	TRANSISTOR 3SK163-2
Q38	8-769-401-68	s	TRANSISTOR 3SK163-2
Q39	8-769-401-68	s	TRANSISTOR 3SK163-2
Q40	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q41	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q42	8-769-401-68	s	TRANSISTOR 3SK163-2
Q43	8-769-401-68	s	TRANSISTOR 3SK163-2
Q45	8-729-200-86	s	TRANSISTOR 2SC2714-O
Q46	8-729-100-66	s	TRANSISTOR 2SC1623
Q47	8-729-100-66	s	TRANSISTOR 2SC1623
R7	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R11	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R12	1-216-618-11	s	METAL CHIP 43 0.50% 1/10W
R15	1-216-655-11	s	METAL CHIP 1.5K 0.50% 1/10W
R16	1-216-028-00	s	METAL CHIP 130 5% 1/10W
R22	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R26	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R27	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R28	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R30	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R31	1-216-610-11	s	METAL CHIP 20 0.50% 1/10W
R32	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R33	1-216-625-11	s	METAL CHIP 82 0.50% 1/10W
R34	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R35	1-216-614-11	s	METAL CHIP 30 0.50% 1/10W
R36	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R38	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R42	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R43	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(IV-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R44	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R45	1-216-689-11	s	METAL CHIP 39K 0.50% 1/10W
R47	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R48	1-216-638-11	s	METAL CHIP 300 0.50% 1/10W
R49	1-216-639-11	s	METAL CHIP 330 0.50% 1/10W
R50	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R51	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R52	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R53	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R55	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R59	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R60	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R61	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R63	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R64	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R65	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R66	1-216-608-11	s	METAL CHIP 16 0.50% 1/10W
R67	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R68	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R69	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R71	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R75	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R76	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R77	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R78	1-216-689-11	s	METAL CHIP 39K 0.50% 1/10W
R80	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R81	1-216-631-11	s	METAL CHIP 150 0.50% 1/10W
R82	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R83	1-216-622-11	s	METAL CHIP 62 0.50% 1/10W
R84	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R85	1-216-627-11	s	METAL CHIP 100 0.50% 1/10W
R86	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R88	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R92	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R93	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R94	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R96	1-216-652-11	s	METAL CHIP 1.1K 0.5% 1/10W
R97	1-216-636-11	s	METAL CHIP 240 0.5% 1/10W
R98	1-216-652-11	s	METAL CHIP 1.1K 0.5% 1/10W
R99	1-216-633-11	s	METAL CHIP 180 0.50% 1/10W
R100	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R101	1-216-622-11	s	METAL CHIP 62 0.50% 1/10W
R102	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R104	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R108	1-216-649-11	s	METAL CHIP 820 0.50% 1/10W
R109	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R110	1-216-626-11	s	METAL CHIP 91 0.50% 1/10W
R111	1-216-689-11	s	METAL CHIP 39K 0.50% 1/10W
R113	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R114	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R115	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R116	1-216-623-11	s	METAL CHIP 68 0.50% 1/10W
R117	1-216-646-11	s	METAL CHIP 620 0.50% 1/10W
R118	1-216-613-11	s	METAL CHIP 27 0.5% 1/10W
R119	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R121	1-216-022-00	s	METAL CHIP 75 5% 1/10W
R139	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R140	1-216-642-11	s	METAL CHIP 430 0.50% 1/10W
R141	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W

(IV-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R142	1-216-642-11	s	METAL CHIP 430 0.50% 1/10W
R143	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R144	1-216-642-11	s	METAL CHIP 430 0.50% 1/10W
R145	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R153	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R154	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R155	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R156	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R157	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R158	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R159	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R165	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R167	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R170	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R171	1-216-637-11	s	METAL CHIP 270 0.50% 1/10W
R172	1-216-670-11	s	METAL CHIP 6.2K 0.50% 1/10W
R173	1-216-643-11	s	METAL CHIP 470 0.50% 1/10W
R174	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R175	1-216-654-11	s	METAL CHIP 1.3K 0.50% 1/10W
R182	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R183	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R184	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R222	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R223	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R224	1-216-657-11	s	METAL CHIP 1.8K 0.5% 1/10W
RV1	1-228-475-00	s	RES, ADJ, METAL 20K
RV2	1-228-472-00	s	RES, ADJ, METAL 2K
RV4	1-228-454-00	s	RES, ADJ, METAL 200
RV5	1-228-464-00	s	RES, ADJ, METAL 500K

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

MB-206 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-792-A	o	MOUNTED CIRCUIT BOARD, MB-206
14pcs	1-560-707-00	o	POLARISING KEY
1pc	1-565-690-21	o	CONNECTOR, FLAT CABLE 60P
1pc	1-574-442-11	o	CABLE ASSY, FLAT
C1	1-124-122-11	s	ELECT 100MF 20% 50V
C4	1-126-160-11	s	ELECT 1MF 20% 50V
C6	1-124-248-00	s	ELECT 22MF 20% 25V
C10	1-126-101-11	s	ELECT 100MF 20% 10V
C11	1-126-101-11	s	ELECT 100MF 20% 10V
CN1	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN2	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN3	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN4	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN5	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN6	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN7	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN8	1-506-619-11	o	CONNECTOR, 8P FEMALE
CN9	1-506-483-21	o	CONNECTOR, 4P, MALE
CN10	1-506-483-21	o	CONNECTOR, 4P, MALE
CN11	1-506-624-11	o	CONNECTOR, PS 18P, MALE
CN12	1-506-481-11	o	CONNECTOR, 2P, MALE
CN13	1-506-491-31	o	CONNECTOR, 12P, MALE
CN14	1-506-491-11	o	CONNECTOR, 12P, MALE
CN15	1-506-491-11	o	CONNECTOR, 12P, MALE
CN16	1-506-485-11	o	CONNECTOR, 6P, MALE
CN17	1-506-623-11	o	CONNECTOR, PS 16P, MALE
CN18	1-506-626-11	o	CONNECTOR, 22P FEMALE
CN19	1-506-619-11	o	CONNECTOR, 8P FEMALE
CN21	1-506-617-11	o	CONNECTOR, PS 4P, MALE
CN22	1-564-718-11	o	CONNECTOR, MALE, 2P
CN30	1-561-310-00	s	CONNECTOR, RF
CN31	1-561-310-00	s	CONNECTOR, RF
CN32	1-561-310-00	s	CONNECTOR, RF
CN33	1-561-310-00	s	CONNECTOR, RF
CN34	1-561-310-00	s	CONNECTOR, RF
CN35	1-561-310-00	s	CONNECTOR, RF
CN36	1-561-310-00	s	CONNECTOR, RF
CN37	1-561-310-00	s	CONNECTOR, RF
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-106-71	s	DIODE RD12M-B2
D3	8-719-105-58	s	DIODE RD3.9M-B2
D4	8-719-104-31	s	DIODE 1S2838
IC1	8-759-142-20	s	IC UPG4062G2
L1	1-410-284-11	s	10uH (WITH CORE)
L2	1-410-284-11	s	10uH (WITH CORE)
LY1	1-515-721-11	s	RELAY
Q1	8-729-107-43	s	TRANSISTOR 2SC3624-L18
Q2	8-729-105-29	s	TRANSISTOR 2SA1385
Q3	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q4	8-729-100-66	s	TRANSISTOR 2SC1623
Q5	8-729-100-66	s	TRANSISTOR 2SC1623
Q6	8-729-105-29	s	TRANSISTOR 2SA1385
S1	1-570-373-12	s	SWITCH, SLIDE

MB-210 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	1-560-707-00	o	POLARISING KEY
CN1	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN2	1-506-638-11	o	CONNECTOR, 18P MALE

MB-211 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
CN1	1-562-715-11	o	CONNECTOR, 50P, FEMALE
CN2	1-506-637-11	o	CONNECTOR, 16P MALE
CN3	1-506-479-11	o	CONNECTOR, 14P, MALE
CN4	1-506-635-11	o	CONNECTOR, 12P MALE

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

PA-80 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-776-A	o	MOUNTED CIRCUIT BOARD, PA-80
C7	1-124-584-00	s	ELECT 100MF 20% 10V
C9	1-124-584-00	s	ELECT 100MF 20% 10V
CN1	1-561-310-00	s	CONNECTOR, RF
CN2	1-560-447-00	o	CONNECTOR, 5P, MALE
CN3	1-506-482-11	o	CONNECTOR, 3P, MALE
Q1	8-729-112-65	s	TRANSISTOR 2SA1462
Q2	8-729-141-64	s	TRANSISTOR 2SC3735-B35
Q3	8-729-112-65	s	TRANSISTOR 2SA1462
Q4	8-729-141-64	s	TRANSISTOR 2SC3735-B35
Q5	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q6	8-729-112-65	s	TRANSISTOR 2SA1462
R1	1-216-645-11	s	METAL CHIP 560 0.50% 1/10W
R2	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R3	1-216-669-11	s	METAL CHIP 5.6K 0.50% 1/10W
R4	1-216-650-11	s	METAL CHIP 910 0.50% 1/10W
R5	1-216-622-11	s	METAL CHIP 62 0.50% 1/10W
R6	1-216-638-11	s	METAL CHIP 300 0.50% 1/10W
R7	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R8	1-216-603-11	s	METAL CHIP 10 0.5% 1/10W
R9	1-216-611-11	s	METAL CHIP 22 0.5% 1/10W
R10	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R11	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R12	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R13	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R14	1-216-627-11	s	METAL CHIP 100 0.50% 1/10W
R15	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R16	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R20	1-216-673-11	s	METAL CHIP 8.2K 0.50% 1/10W
R21	1-216-645-11	s	METAL CHIP 560 0.50% 1/10W
RV1	1-228-457-00	s	RES, ADJ, METAL 2K
RV2	1-228-456-00	s	RES, ADJ, METAL 1K
RV3	1-228-454-00	s	RES, ADJ, METAL 200
RV4	1-228-457-00	s	RES, ADJ, METAL 2K
RV5	1-228-466-00	s	RES, ADJ, METAL 2M
RV6	1-228-465-00	s	RES, ADJ, METAL 1M

PS-168 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-785-A	o	MOUNTED CIRCUIT BOARD, PS-168
2pcs	1-560-707-00	o	POLARISING KEY
2pcs	3-711-775-01	o	LEVER, PULL
C1	1-127-517-11	s	ELECT(SOLID) 150MF 20% 16V
C5	1-127-517-11	s	ELECT(SOLID) 150MF 20% 16V
C7	1-124-927-11	s	ELECT 4.7MF 20% 100V
C10	1-124-261-00	s	ELECT 10uF 20% 50V
C11	1-126-096-11	s	ELECT 10MF 20% 35V
C12	1-124-261-00	s	ELECT 10uF 20% 50V
C14	1-124-261-00	s	ELECT 10uF 20% 50V
C16	1-124-261-00	s	ELECT 10uF 20% 50V
C17	1-124-261-00	s	ELECT 10uF 20% 50V
C18	1-124-925-11	s	ELECT 2.2uF 20% 100V
C20	1-127-517-11	s	ELECT(SOLID) 150MF 20% 16V
C22	1-136-195-11	s	FILM 0.022MF 5% 400V
C23	1-136-195-11	s	FILM 0.022MF 5% 400V
C24	1-136-195-11	s	FILM 0.022MF 5% 400V
C25	1-136-340-11	s	FILM 0.01MF 10% 800V
C26	1-136-340-11	s	FILM 0.01MF 10% 800V
C27	1-136-340-11	s	FILM 0.01MF 10% 800V
C28	1-136-340-11	s	FILM 0.01MF 10% 800V
C29	1-136-340-11	s	FILM 0.01MF 10% 800V
C30	1-136-340-11	s	FILM 0.01MF 10% 800V
C31	1-136-199-00	s	FILM 0.1MF 5% 400V
C36	1-124-925-11	s	ELECT 2.2uF 20% 100V
C37	1-124-925-11	s	ELECT 2.2uF 20% 100V
C38	1-124-799-11	s	ELECT 2.2MF 20% 160V
C39	1-124-799-11	s	ELECT 2.2MF 20% 160V
C42	1-124-925-11	s	ELECT 2.2uF 20% 100V
C43	1-124-925-11	s	ELECT 2.2uF 20% 100V
C44	1-124-799-11	s	ELECT 2.2MF 20% 160V
C45	1-124-799-11	s	ELECT 2.2MF 20% 160V
C46	1-124-929-11	s	ELECT 22MF 20% 100V
C47	1-136-340-11	s	FILM 0.01MF 10% 800V
C54	1-124-261-00	s	ELECT 10uF 20% 50V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-300-65	s	DIODE ES1F
D3	8-719-300-65	s	DIODE ES1F
D4	8-719-300-65	s	DIODE ES1F
D5	8-719-300-65	s	DIODE ES1F
D6	8-719-911-19	s	DIODE 1SS119
D7	8-719-911-19	s	DIODE 1SS119
D8	8-719-911-19	s	DIODE 1SS119
D9	8-719-911-19	s	DIODE 1SS119
D10	8-719-923-48	s	DIODE 1S2348H
D11	8-719-923-48	s	DIODE 1S2348H
D12	8-719-300-65	s	DIODE ES1F
D13	8-719-300-65	s	DIODE ES1F
D14	8-719-300-65	s	DIODE ES1F
D15	8-719-300-65	s	DIODE ES1F
D16	8-719-300-65	s	DIODE ES1F
D17	8-719-300-65	s	DIODE ES1F
D18	8-719-300-65	s	DIODE ES1F
D19	8-719-300-65	s	DIODE ES1F
D20	8-719-300-65	s	DIODE ES1F
D21	8-719-300-65	s	DIODE ES1F

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(PS-168 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D22	8-719-300-65	s	DIODE ES1F
D23	8-719-300-65	s	DIODE ES1F
D24	8-719-300-65	s	DIODE ES1F
D25	8-719-300-65	s	DIODE ES1F
D26	8-719-300-65	s	DIODE ES1F
D27	8-719-300-65	s	DIODE ES1F
D28	8-719-300-65	s	DIODE ES1F
D29	8-719-300-65	s	DIODE ES1F
D30	8-719-800-76	s	DIODE 1SS226
D31	8-719-104-31	s	DIODE 1S2838
D32	8-719-800-76	s	DIODE 1SS226
IC1	8-759-142-20	s	IC UPG4062G2
IC2	8-759-142-20	s	IC UPG4062G2
L1	1-410-284-11	s	10uH (WITH CORE)
L4	1-407-496-00	s	2.2MMH
L5	1-407-496-00	s	2.2MMH
L8	1-407-496-00	s	2.2MMH
L9	1-407-496-00	s	2.2MMH
Q1	8-729-230-32	s	TRANSISTOR 2SA1244LB
Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q3	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q4	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q5	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q6	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q7	8-729-118-70	s	TRANSISTOR 2SK739-Z
Q8	8-729-118-70	s	TRANSISTOR 2SK739-Z
Q9	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q10	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q11	8-729-118-70	s	TRANSISTOR 2SK739-Z
Q12	8-729-118-70	s	TRANSISTOR 2SK739-Z
Q13	8-729-809-32	s	TRANSISTOR 2SA1682-5
Q14	8-729-809-35	s	TRANSISTOR 2SC4412-5
R4	1-216-678-11	s	METAL CHIP 13K 0.50% 1/10W
R5	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R6	1-216-662-11	s	METAL CHIP 3K 0.50% 1/10W
R16	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R19	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R20	1-216-677-11	s	METAL CHIP 12K 0.50% 1/10W
R22	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R23	1-216-678-11	s	METAL CHIP 13K 0.50% 1/10W
R24	1-216-635-11	s	METAL CHIP 220 0.50% 1/10W
R26	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R27	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R30	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R33	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R36	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R49	1-216-065-00	s	RES, CHIP 4.7K 5% 1/10W
R53	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R54	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R55	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R56	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R57	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R58	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R59	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R60	1-216-294-00	s	METAL CHIP 10M 5% 1/8W
R62	1-214-967-00	s	METAL 1.3M 1% 1/4W
R63	1-214-949-00	s	METAL 3.3M 1% 1/2W

(PS-168 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R64	1-214-948-21	s	METAL 3M 1% 1/2W
R66	1-214-970-00	s	METAL 1.8M 1% 1/4W
R67	1-214-945-00	s	METAL 2.2M 1% 1/2W
R68	1-214-945-00	s	METAL 2.2M 1% 1/2W
R69	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R70	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
RV1	1-228-458-00	s	RES, ADJ, METAL 5K
S1	1-570-857-11	s	SWITCH, SLIDE
S2	1-571-029-11	s	SWITCH, PUSH (1 KEY)
T1	1-449-740-11	s	TRANSFORMER, DC-DC CONVERTER
T2	1-449-741-11	s	TRANSFORMER, DC-DC CONVERTER

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

RE-49 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-787-A	o	MOUNTED CIRCUIT BOARD, RE-49
2pcs	1-560-707-00	o	POLARISING KEY
2pcs	3-711-775-01	o	LEVER, PULL
2pcs	7-623-420-07	s	LW 2, TYPE B
2pcs	7-627-553-17	s	SCREW,PRECISION +P 2X2
C1	1-126-517-11	s	ELECT 220MF 20% 25V
C2	1-130-776-00	s	FILM 0.47MF 5% 63V
C3	1-126-517-11	s	ELECT 220MF 20% 25V
C4	1-126-517-11	s	ELECT 220MF 20% 25V
C5	1-130-776-00	s	FILM 0.47MF 5% 63V
C11	1-135-125-21	s	TANTALUM CHIP 33MF 20% 10V
C20	1-130-776-00	s	FILM 0.47MF 5% 63V
C21	1-124-604-00	s	ELECT 330uF 20% 10V
C22	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C27	1-126-516-11	s	ELECT 120MF 20% 16V
C28	1-130-776-00	s	FILM 0.47MF 5% 63V
C29	1-126-516-11	s	ELECT 120MF 20% 16V
C30	1-130-776-00	s	FILM 0.47MF 5% 63V
C31	1-126-516-11	s	ELECT 120MF 20% 16V
C32	1-130-776-00	s	FILM 0.47MF 5% 63V
C34	1-124-604-00	s	ELECT 330uF 20% 10V
C35	1-124-471-00	s	ELECT 1000MF 20% 6.3V
C36	1-126-516-11	s	ELECT 120MF 20% 16V
C37	1-130-776-00	s	FILM 0.47MF 5% 63V
C40	1-126-517-11	s	ELECT 220MF 20% 25V
C41	1-130-776-00	s	FILM 0.47MF 5% 63V
C42	1-130-776-00	s	FILM 0.47MF 5% 63V
C43	1-124-604-00	s	ELECT 330uF 20% 10V
C44	1-130-776-00	s	FILM 0.47MF 5% 63V
C47	1-126-517-11	s	ELECT 220MF 20% 25V
C48	1-130-776-00	s	FILM 0.47MF 5% 63V
C49	1-130-776-00	s	FILM 0.47MF 5% 63V
C50	1-124-604-00	s	ELECT 330uF 20% 10V
C51	1-130-776-00	s	FILM 0.47MF 5% 63V
C52	1-126-516-11	s	ELECT 120MF 20% 16V
C55	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C60	1-124-604-00	s	ELECT 330uF 20% 10V
C61	1-161-888-11	s	CERAMIC 0.01MF 50V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
D1	8-719-911-55	s	DIODE U05G
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-981-00	s	DIODE ERC81-004
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-800-76	s	DIODE 1SS226
D8	8-719-800-76	s	DIODE 1SS226
D9	8-719-903-06	s	DIODE ERC84-009
D10	8-719-800-76	s	DIODE 1SS226
D11	8-719-800-76	s	DIODE 1SS226
D12	8-719-981-00	s	DIODE ERC81-004
D13	8-719-800-76	s	DIODE 1SS226
D14	8-719-800-76	s	DIODE 1SS226
D15	8-719-981-00	s	DIODE ERC81-004
FB1	1-543-528-11	s	BEAD, AMORPHOUS
FB2	1-543-528-11	s	BEAD, AMORPHOUS
FB3	1-543-528-11	s	BEAD, AMORPHOUS
FB4	1-543-528-11	s	BEAD, AMORPHOUS
FB5	1-543-601-11	s	BEAD, FERRITE

(RE-49 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB6	1-543-601-11	s	BEAD, FERRITE
FB7	1-543-601-11	s	BEAD, FERRITE
FB8	1-543-601-11	s	BEAD, FERRITE
FB9	1-543-528-11	s	BEAD, AMORPHOUS
FB10	1-543-528-11	s	BEAD, AMORPHOUS
FB11	1-543-528-11	s	BEAD, AMORPHOUS
FB12	1-543-528-11	s	BEAD, AMORPHOUS
IC1	8-759-905-80	s	IC AD580M
IC2	8-759-908-95	s	IC TL1451CNS
IC3	8-759-908-95	s	IC TL1451CNS
IC4	8-759-142-19	s	IC UPC4064G
L1	1-410-283-11	s	48uH (WITH CORE)
L2	1-412-048-11	s	CHOKE 65uH
L3	1-410-284-11	s	10uH (WITH CORE)
L4	1-412-048-11	s	CHOKE 65uH
L5	1-410-283-11	s	48uH (WITH CORE)
L6	1-412-048-11	s	CHOKE 65uH
L7	1-412-049-11	s	CHOKE 200uH
L8	1-410-284-11	s	10uH (WITH CORE)
L9	1-410-284-11	s	10uH (WITH CORE)
Q1	8-769-401-68	s	TRANSISTOR 3SK163-2
Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q3	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q4	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q5	8-729-304-35	s	TRANSISTOR 2SJ122
Q6	8-729-230-32	s	TRANSISTOR 2SA1244LB
Q7	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q8	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q9	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q10	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q11	8-729-304-35	s	TRANSISTOR 2SJ122
Q12	8-729-230-31	s	TRANSISTOR 2SC3074LB
Q13	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q14	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q15	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q16	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q17	8-729-304-35	s	TRANSISTOR 2SJ122
Q18	8-729-230-32	s	TRANSISTOR 2SA1244LB
Q19	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q20	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q21	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q22	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q23	8-729-304-35	s	TRANSISTOR 2SJ122
R2	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R3	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R4	1-216-685-11	s	METAL CHIP 27K 0.50% 1/10W
R5	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R6	1-216-673-11	s	METAL CHIP 8.2K 0.50% 1/10W
R7	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R15	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R16	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R17	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R18	1-216-689-11	s	METAL CHIP 39K 0.50% 1/10W
R19	1-216-669-11	s	METAL CHIP 5.6K 0.50% 1/10W
R40	1-216-678-11	s	METAL CHIP 13K 0.50% 1/10W
R41	1-216-667-11	s	METAL CHIP 4.7K 0.50% 1/10W
R42	1-216-638-11	s	METAL CHIP 300 0.50% 1/10W
R53	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(RE-49 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R54	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R65	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R66	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
RV1	1-228-456-00	s	RES, ADJ, METAL 1K

RG-22 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-791-A	o	MOUNTED CIRCUIT BOARD, RG-22
C215	1-163-123-00	s	CERAMIC CHIP 180PF 5% 50V
C222	1-163-123-00	s	CERAMIC CHIP 180PF 5% 50V
C227	1-163-012-00	s	CERAMIC CHIP 0.0018MF 10% 50V
C234	1-163-012-00	s	CERAMIC 0.0018uF 10% 50V
C241	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C251	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C259	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
CN4	1-565-078-11	o	CONNECTOR, 40P, MALE
CN5	1-566-566-11	o	CONNECTOR, 40P, MALE
CNI210	1-540-024-12	o	SOCKET, IC
CNI211	1-540-024-12	o	SOCKET, IC
D1	8-719-104-31	s	DIODE 1S2838
IC210	8-759-731-39	s	IC MBM27C256A-20TV/LOW
IC211	8-759-731-40	s	IC MBM27C256A-20TV/HIGH
IC212	8-759-009-07	s	IC MC14053BF
IC213	8-759-009-07	s	IC MC14053BF
IC214	8-759-008-67	s	IC MC14066BF
IC215	8-759-014-29	s	IC MC34184M
IC216	8-759-014-29	s	IC MC34184M
IC217	8-759-014-29	s	IC MC34184M
IC218	8-759-014-29	s	IC MC34184M
IC219	8-759-977-92	s	IC AD7533JN
IC220	8-759-977-92	s	IC AD7533JN
IC221	8-759-977-92	s	IC AD7533JN
IC222	8-759-977-92	s	IC AD7533JN
IC223	8-759-142-23	s	IC CXD1354M
IC224	8-752-323-63	s	IC CXK5816M-10L
IC225	8-759-204-83	s	IC TC40H245F
IC226	8-759-906-24	s	IC SN74LS624N
IC227	8-759-142-19	s	IC UPC4064G
IC228	8-759-009-02	s	IC MC14046BF
IC229	8-759-205-21	s	IC TC74HC221F
IC230	8-759-201-60	s	IC TC40H002F
IC231	8-759-925-90	s	IC SN74HC74NS
IC232	8-759-201-53	s	IC TC40H000F
Q1	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q2	8-729-100-66	s	TRANSISTOR 2SC1623
R229	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R230	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R231	1-216-651-11	s	METAL 1K 0.5% 1/10W
R232	1-216-651-11	s	METAL 1K 0.5% 1/10W
R233	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R234	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R235	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R236	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R237	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R238	1-216-651-11	s	METAL 1K 0.5% 1/10W
R239	1-216-651-11	s	METAL 1K 0.5% 1/10W
R240	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R241	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R242	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R245	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R246	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R247	1-216-651-11	s	METAL 1K 0.5% 1/10W

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(RG-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R248	1-216-651-11	s	METAL 1K 0.5% 1/10W
R249	1-216-639-11	s	METAL 330 0.5% 1/10W
R250	1-216-639-11	s	METAL 330 0.5% 1/10W
R251	1-216-639-11	s	METAL 330 0.5% 1/10W
R252	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R253	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R254	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R255	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R256	1-216-639-11	s	METAL CHIP 330 0.50% 1/10W
R257	1-216-639-11	s	METAL CHIP 330 0.50% 1/10W
R258	1-216-639-11	s	METAL CHIP 330 0.50% 1/10W
R259	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R260	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R261	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R262	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R263	1-216-667-11	s	METAL CHIP 4.7K 0.50% 1/10W
R264	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R265	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R266	1-216-691-11	s	METAL CHIP 47K 0.50% 1/10W
R271	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R272	1-216-676-11	s	METAL CHIP 11K 0.50% 1/10W
R273	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
RV201	1-228-460-00	s	RES, ADJ, METAL 20K
S201	1-570-610-11	s	SWITCH, TOGGLE

SG-141 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-784-A	o	MOUNTED CIRCUIT BOARD, SG-141
2pcs	1-560-707-00	o	POLARISING KEY
2pcs	3-711-775-01	o	LEVER, PULL
C25	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C31	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C34	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C35	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C36	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C40	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C46	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C49	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C88	1-162-638-11	s	CERAMIC CHIP 1 16V
C95	1-161-900-11	s	CERAMIC 1MF 50V
C96	1-161-900-11	s	CERAMIC 1MF 50V
C97	1-161-900-11	s	CERAMIC 1MF 50V
C98	1-161-900-11	s	CERAMIC 1MF 50V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
CNI2	1-526-816-21	o	SOCKET, IC (DP) 24P
CNI3	1-540-024-12	o	SOCKET, IC
CNI19	1-526-816-21	o	SOCKET, IC (DP) 24P
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-948-47	s	DIODE HSM88AS
D5	8-719-948-47	s	DIODE HSM88AS
D6	8-719-800-76	s	DIODE 1SS226
D7	8-719-800-76	s	DIODE 1SS226
D8	8-719-800-76	s	DIODE 1SS226
D9	8-719-948-47	s	DIODE HSM88AS
D10	8-719-948-47	s	DIODE HSM88AS
D11	8-719-800-76	s	DIODE 1SS226
D12	8-719-800-76	s	DIODE 1SS226
D13	8-719-800-76	s	DIODE 1SS226
D14	8-719-800-76	s	DIODE 1SS226
D15	8-719-104-31	s	DIODE 1S2838
D16	8-719-105-72	s	DIODE RD4.7M-B1
D17	8-719-105-72	s	DIODE RD4.7M-B1
D18	8-719-105-52	s	DIODE RD3.6M-B2
D19	8-719-104-31	s	DIODE 1S2838
D20	8-719-800-76	s	DIODE 1SS226
IC1	8-759-142-54	s	IC CXD1352
IC2	8-759-730-42	s	IC WSI57C49B-35T/CHUH1
IC3	8-759-730-41	s	IC MBM27C64-30CV/CHUV
IC4	8-759-009-02	s	IC MC14046BF
IC5	8-759-142-20	s	IC UPG4062G2
IC7	8-759-009-34	s	IC MC14504BF
IC8	8-759-200-80	s	IC TC4050BF
IC9	8-759-200-80	s	IC TC4050BF
IC10	8-759-981-92	s	IC RC4558M
IC11	8-759-981-92	s	IC RC4558M
IC12	8-759-981-92	s	IC RC4558M
IC13	8-759-142-19	s	IC UPC4064G
IC14	8-759-009-07	s	IC MC14053BF
IC15	8-759-981-92	s	IC RC4558M
IC16	8-759-981-92	s	IC RC4558M
IC17	8-759-201-64	s	IC TC40H074F
IC18	8-759-014-29	s	IC MC34184M

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

Ref. No. or Q'ty	Part No.	SP	Description
IC19	8-759-730-43	s	IC WSI57C49B-35T/CHUH2
IC20	8-759-009-34	s	IC MC14504BF
Q1	8-729-109-44	s	TRANSISTOR 2SK94
Q2	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q3	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q4	8-729-109-44	s	TRANSISTOR 2SK94
Q5	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q6	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q7	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q8	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q9	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q10	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q11	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q12	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q13	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q14	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q15	8-769-401-68	s	TRANSISTOR 3SK163-2
Q16	8-769-401-68	s	TRANSISTOR 3SK163-2
Q17	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q18	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q19	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q20	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q21	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q22	8-769-401-68	s	TRANSISTOR 3SK163-2
Q23	8-769-401-68	s	TRANSISTOR 3SK163-2
Q24	8-769-401-68	s	TRANSISTOR 3SK163-2
Q25	8-769-401-68	s	TRANSISTOR 3SK163-2
Q30	8-769-401-68	s	TRANSISTOR 3SK163-2
Q31	8-769-401-68	s	TRANSISTOR 3SK163-2
R27	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R56	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R98	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R99	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R103	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R106	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R107	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R110	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R125	1-216-625-11	s	METAL CHIP 82 0.50% 1/10W
R126	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R138	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R140	1-216-652-11	s	METAL CHIP 1.1K 0.5% 1/10W
R143	1-216-671-11	s	METAL CHIP 6.8K 0.50% 1/10W
R145	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
RV1	1-228-459-00	s	RES, ADJ, METAL 10K
RV2	1-228-474-00	s	RES, ADJ, METAL 10K
RV3	1-228-459-00	s	RES, ADJ, METAL 10K
RV4	1-228-474-00	s	RES, ADJ, METAL 10K
RV5	1-228-461-00	s	RES, ADJ, METAL 50K
RV6	1-228-459-00	s	RES, ADJ, METAL 10K
RV7	1-228-459-00	s	RES, ADJ, METAL 10K
RV8	1-228-475-00	s	RES, ADJ, METAL 20K
RV9	1-228-475-00	s	RES, ADJ, METAL 20K
RV10	1-228-459-00	s	RES, ADJ, METAL 10K
RV11	1-228-459-00	s	RES, ADJ, METAL 10K
S1	1-570-375-12	s	SWITCH, SLIDE
S2	1-570-375-12	s	SWITCH, SLIDE

Ref. No. or Q'ty	Part No.	SP	Description
X1	1-577-134-11	s	OSCILLATOR, CRYSTAL

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

SH-34 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-789-B	o	MOUNTED CIRCUIT BOARD, SH-34
C7	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C9	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C16	1-163-037-11	s	CERAMIC CHIP 0.022MF 10% 25V
C18	1-163-037-11	s	CERAMIC CHIP 0.022MF 10% 25V
C20	1-163-037-11	s	CERAMIC CHIP 0.022MF 10% 25V
C22	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C23	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C24	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C25	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C26	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C27	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C29	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C31	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C33	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C41	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C42	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C43	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C58	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C59	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C60	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C61	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C72	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C73	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C74	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C75	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C76	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C77	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C84	1-130-495-00	s	MYLAR 0.1MF 5% 50V
C99	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C100	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C101	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C110	1-124-584-00	s	ELECT 100MF 20% 10V
C111	1-124-584-00	s	ELECT 100MF 20% 10V
C112	1-124-584-00	s	ELECT 100MF 20% 10V
C114	1-106-367-00	s	MYLAR 0.01MF 5% 200V
C130	1-124-931-11	s	ELECT 47MF 20% 100V
C202	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C207	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C210	1-102-973-00	s	CERAMIC 100PF 5% 50V
CN1	1-565-082-11	o	CONNECTOR, 60P, MALE
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-800-76	s	DIODE 1SS226
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-800-76	s	DIODE 1SS226
D7	8-719-800-76	s	DIODE 1SS226
D8	8-719-800-76	s	DIODE 1SS226
D9	8-719-800-76	s	DIODE 1SS226
D10	8-719-800-76	s	DIODE 1SS226
D11	8-719-800-76	s	DIODE 1SS226
D12	8-719-800-76	s	DIODE 1SS226
D13	8-719-800-76	s	DIODE 1SS226
D14	8-719-800-76	s	DIODE 1SS226
D15	8-719-800-76	s	DIODE 1SS226
D16	8-719-800-76	s	DIODE 1SS226

(SH-34 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D17	8-719-800-76	s	DIODE 1SS226
D20	8-719-800-76	s	DIODE 1SS226
D21	8-719-800-76	s	DIODE 1SS226
D22	8-719-800-76	s	DIODE 1SS226
D23	8-719-800-76	s	DIODE 1SS226
D24	8-719-800-76	s	DIODE 1SS226
D25	8-719-800-76	s	DIODE 1SS226
D26	8-719-800-76	s	DIODE 1SS226
D27	8-719-800-76	s	DIODE 1SS226
D28	8-719-800-76	s	DIODE 1SS226
D30	8-719-104-31	s	DIODE 1S2838
D31	8-719-800-76	s	DIODE 1SS226
D32	8-719-800-76	s	DIODE 1SS226
IC1	8-759-014-29	s	IC MC34184M
IC2	8-759-014-29	s	IC MC34184M
IC3	8-759-014-29	s	IC MC34184M
IC4	8-759-014-29	s	IC MC34184M
IC5	8-759-014-29	s	IC MC34184M
IC6	8-759-014-29	s	IC MC34184M
IC7	8-759-014-29	s	IC MC34184M
IC8	8-759-014-29	s	IC MC34184M
IC9	8-759-114-06	s	IC UPC814G2-1
IC10	8-759-114-06	s	IC UPC814G2-1
IC11	8-759-230-99	s	IC TC74HC4053AF
IC12	8-759-014-29	s	IC MC34184M
IC13	8-759-014-29	s	IC MC34184M
IC14	8-759-014-29	s	IC MC34184M
IC15	8-759-230-99	s	IC TC74HC4053AF
IC16	8-759-009-06	s	IC MC14052BF
IC17	8-759-009-06	s	IC MC14052BF
IC18	8-759-014-29	s	IC MC34184M
IC19	8-759-014-29	s	IC MC34184M
IC20	8-759-014-29	s	IC MC34184M
IC21	8-759-014-29	s	IC MC34184M
IC22	8-759-014-29	s	IC MC34184M
IC23	8-759-014-29	s	IC MC34184M
IC24	8-759-014-29	s	IC MC34184M
IC25	8-759-114-06	s	IC UPC814G2-1
IC26	8-759-114-06	s	IC UPC814G2-1
IC27	8-759-230-99	s	IC TC74HC4053AF
IC28	8-759-230-99	s	IC TC74HC4053AF
IC29	8-759-014-29	s	IC MC34184M
IC30	8-759-014-29	s	IC MC34184M
IC31	8-759-014-29	s	IC MC34184M
IC32	8-759-014-29	s	IC MC34184M
IC33	8-759-009-07	s	IC MC14053BF
IC34	8-759-030-49	s	IC MCM1495M
IC35	8-759-030-49	s	IC MCM1495M
IC36	8-759-114-06	s	IC UPC814G2-1
IC37	8-759-009-07	s	IC MC14053BF
IC38	8-759-014-29	s	IC MC34184M
IC39	8-759-030-16	s	IC MC34182M
IC40	8-759-014-29	s	IC MC34184M
IC41	8-759-206-55	s	IC TC74HC4538F
IC42	8-759-014-29	s	IC MC34184M
IC50	8-759-200-80	s	IC TC4050BF
IC51	8-759-200-80	s	IC TC4050BF
IC52	8-759-200-79	s	IC TC4049BF

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SH-34 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC53	8-759-009-34	s	IC MC14504BF
IC54	8-741-117-90	s	IC BX1179
IC55	8-741-117-90	s	IC BX1179
IC56	8-741-117-90	s	IC BX1179
IC57	8-741-117-90	s	IC BX1179
IC58	8-741-117-90	s	IC BX1179
IC59	8-741-117-90	s	IC BX1179
IC60	8-759-009-37	s	IC MC14512BF
IC61	8-759-142-20	s	IC UPG4062G2
IC62	8-759-009-37	s	IC MC14512BF
IC70	8-759-014-29	s	IC MC34184M
IC71	8-759-014-29	s	IC MC34184M
PB1	1-231-410-00	s	RESISTOR BLOCK 10Kx8
Q1	8-769-401-67	s	TRANSISTOR 3SK163-1
Q2	8-769-401-67	s	TRANSISTOR 3SK163-1
Q3	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q4	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q5	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q6	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q7	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q8	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q9	8-729-100-66	s	TRANSISTOR 2SC1623
Q10	8-729-100-66	s	TRANSISTOR 2SC1623
Q11	8-729-100-66	s	TRANSISTOR 2SC1623
Q12	8-729-100-66	s	TRANSISTOR 2SC1623
Q13	8-729-100-66	s	TRANSISTOR 2SC1623
Q14	8-729-100-66	s	TRANSISTOR 2SC1623
Q15	8-769-401-67	s	TRANSISTOR 3SK163-1
Q16	8-769-401-67	s	TRANSISTOR 3SK163-1
Q17	8-769-401-67	s	TRANSISTOR 3SK163-1
Q18	8-769-401-67	s	TRANSISTOR 3SK163-1
Q19	8-769-401-67	s	TRANSISTOR 3SK163-1
Q20	8-769-401-67	s	TRANSISTOR 3SK163-1
Q21	8-769-401-67	s	TRANSISTOR 3SK163-1
Q22	8-769-401-67	s	TRANSISTOR 3SK163-1
Q23	8-769-401-67	s	TRANSISTOR 3SK163-1
Q24	8-769-401-67	s	TRANSISTOR 3SK163-1
Q25	8-769-401-67	s	TRANSISTOR 3SK163-1
Q26	8-769-401-67	s	TRANSISTOR 3SK163-1
Q27	8-769-401-67	s	TRANSISTOR 3SK163-1
Q28	8-769-401-67	s	TRANSISTOR 3SK163-1
Q29	8-769-401-67	s	TRANSISTOR 3SK163-1
Q30	8-729-100-66	s	TRANSISTOR 2SC1623
Q31	8-729-100-66	s	TRANSISTOR 2SC1623
Q32	8-729-100-66	s	TRANSISTOR 2SC1623
Q35	8-729-100-66	s	TRANSISTOR 2SC1623
Q36	8-729-100-66	s	TRANSISTOR 2SC1623
Q37	8-729-100-66	s	TRANSISTOR 2SC1623
Q38	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q40	8-769-401-67	s	TRANSISTOR 3SK163-1
Q41	8-769-401-67	s	TRANSISTOR 3SK163-1
Q42	8-769-401-67	s	TRANSISTOR 3SK163-1
Q43	8-769-401-67	s	TRANSISTOR 3SK163-1
Q44	8-769-401-67	s	TRANSISTOR 3SK163-1
Q45	8-769-401-67	s	TRANSISTOR 3SK163-1
Q46	8-769-401-67	s	TRANSISTOR 3SK163-1
Q47	8-769-401-67	s	TRANSISTOR 3SK163-1
Q48	8-769-401-67	s	TRANSISTOR 3SK163-1

(SH-34 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q49	8-729-100-66	s	TRANSISTOR 2SC1623
Q50	8-729-100-66	s	TRANSISTOR 2SC1623
Q51	8-729-100-66	s	TRANSISTOR 2SC1623
Q52	8-729-100-66	s	TRANSISTOR 2SC1623
Q53	8-729-100-66	s	TRANSISTOR 2SC1623
Q54	8-729-100-66	s	TRANSISTOR 2SC1623
Q55	8-769-401-67	s	TRANSISTOR 3SK163-1
Q56	8-769-401-67	s	TRANSISTOR 3SK163-1
Q57	8-769-401-67	s	TRANSISTOR 3SK163-1
Q58	8-769-401-67	s	TRANSISTOR 3SK163-1
Q59	8-769-401-67	s	TRANSISTOR 3SK163-1
Q60	8-769-401-67	s	TRANSISTOR 3SK163-1
Q61	8-769-401-67	s	TRANSISTOR 3SK163-1
Q62	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q63	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q64	8-729-100-66	s	TRANSISTOR 2SC1623
Q65	8-769-401-67	s	TRANSISTOR 3SK163-1
Q66	8-769-401-67	s	TRANSISTOR 3SK163-1
Q68	8-729-100-66	s	TRANSISTOR 2SC1623
Q69	8-769-401-67	s	TRANSISTOR 3SK163-1
Q70	8-729-100-66	s	TRANSISTOR 2SC1623
Q71	8-769-401-67	s	TRANSISTOR 3SK163-1
Q72	8-729-100-66	s	TRANSISTOR 2SC1623
Q73	8-769-401-67	s	TRANSISTOR 3SK163-1
Q74	8-729-100-66	s	TRANSISTOR 2SC1623
Q75	8-729-100-66	s	TRANSISTOR 2SC1623
Q76	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q77	8-729-100-66	s	TRANSISTOR 2SC1623
Q78	8-729-100-66	s	TRANSISTOR 2SC1623
Q79	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q80	8-729-100-66	s	TRANSISTOR 2SC1623
Q81	8-729-100-66	s	TRANSISTOR 2SC1623
Q82	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q83	8-729-100-66	s	TRANSISTOR 2SC1623
Q84	8-729-100-66	s	TRANSISTOR 2SC1623
Q85	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q90	8-729-100-66	s	TRANSISTOR 2SC1623
Q101	8-769-401-67	s	TRANSISTOR 3SK163-1
Q102	8-769-401-67	s	TRANSISTOR 3SK163-1
R58	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R64	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R69	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R74	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R81	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R88	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R140	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R141	1-216-691-11	s	METAL CHIP 47K 0.50% 1/10W
R142	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R152	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R153	1-216-691-11	s	METAL CHIP 47K 0.50% 1/10W
R154	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R165	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R168	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R236	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R247	1-216-695-11	s	METAL CHIP 68K 0.50% 1/10W
R248	1-216-695-11	s	METAL CHIP 68K 0.50% 1/10W
R249	1-216-695-11	s	METAL CHIP 68K 0.50% 1/10W
R250	1-216-695-11	s	METAL CHIP 68K 0.50% 1/10W
R251	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SH-34 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R252	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R253	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R254	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R255	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R256	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R257	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R258	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R259	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R260	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R261	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R262	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R263	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R264	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R265	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R266	1-216-696-11	s	METAL CHIP 75K 0.50% 1/10W
R278	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R280	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R282	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R284	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R289	1-216-096-00	s	METAL CHIP 91K 5% 1/10W
R290	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R292	1-216-096-00	s	METAL CHIP 91K 5% 1/10W
R293	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R298	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R303	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R317	1-216-076-00	s	METAL CHIP 13K 5% 1/10W
R321	1-216-076-00	s	METAL CHIP 13K 5% 1/10W
R325	1-216-699-11	s	METAL CHIP 100K 0.50% 1/10W
R328	1-216-699-11	s	METAL CHIP 100K 0.50% 1/10W
R331	1-216-699-11	s	METAL CHIP 100K 0.50% 1/10W
R334	1-216-699-11	s	METAL CHIP 100K 0.50% 1/10W
R335	1-216-694-11	s	METAL CHIP 62K 0.5% 1/10W
R336	1-216-694-11	s	METAL CHIP 62K 0.5% 1/10W
R337	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R344	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R351	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R358	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R365	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R366	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R384	1-216-690-11	s	METAL CHIP 43K 0.50% 1/10W
R392	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R393	1-216-670-11	s	METAL CHIP 6.2K 0.50% 1/10W
R417	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R418	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R425	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R426	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R433	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R434	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R438	1-216-056-00	s	METAL CHIP 2K 5% 1/10W
R439	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R452	1-216-655-11	s	METAL CHIP 1.5K 0.50% 1/10W
R453	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R465	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R473	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R474	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R477	1-216-667-11	s	METAL CHIP 4.7K 0.50% 1/10W
R478	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R491	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R492	1-216-689-11	s	METAL CHIP 39K 0.50% 1/10W

(SH-34 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R494	1-216-667-11	s	METAL CHIP 4.7K 0.50% 1/10W
R495	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R537	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R538	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R539	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R540	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R577	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R578	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R581	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R582	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R585	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R586	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R589	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R590	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R593	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R594	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R597	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R598	1-216-686-11	s	METAL CHIP 30K 0.50% 1/10W
R629	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R631	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R703	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
R712	1-216-228-00	s	METAL 18K 5% 1/8W
R720	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
RV1	1-228-459-00	s	RES, ADJ, METAL 10K
RV2	1-228-459-00	s	RES, ADJ, METAL 10K
RV3	1-228-459-00	s	RES, ADJ, METAL 10K
RV4	1-228-459-00	s	RES, ADJ, METAL 10K
RV5	1-228-459-00	s	RES, ADJ, METAL 10K
RV6	1-228-459-00	s	RES, ADJ, METAL 10K
RV7	1-228-459-00	s	RES, ADJ, METAL 10K
RV8	1-228-459-00	s	RES, ADJ, METAL 10K
RV9	1-228-459-00	s	RES, ADJ, METAL 10K
RV10	1-228-459-00	s	RES, ADJ, METAL 10K
RV11	1-228-459-00	s	RES, ADJ, METAL 10K
RV12	1-228-459-00	s	RES, ADJ, METAL 10K
RV13	1-228-459-00	s	RES, ADJ, METAL 10K
RV14	1-228-459-00	s	RES, ADJ, METAL 10K
RV15	1-228-459-00	s	RES, ADJ, METAL 10K
RV16	1-228-460-00	s	RES, ADJ, METAL 20K
RV17	1-228-460-00	s	RES, ADJ, METAL 20K
RV18	1-228-460-00	s	RES, ADJ, METAL 20K
RV19	1-228-460-00	s	RES, ADJ, METAL 20K
RV20	1-228-460-00	s	RES, ADJ, METAL 20K
RV21	1-228-460-00	s	RES, ADJ, METAL 20K
RV22	1-228-459-00	s	RES, ADJ, METAL 10K
RV23	1-228-459-00	s	RES, ADJ, METAL 10K
RV24	1-228-459-00	s	RES, ADJ, METAL 10K
RV25	1-228-460-00	s	RES, ADJ, METAL 20K
RV26	1-228-460-00	s	RES, ADJ, METAL 20K
RV27	1-228-460-00	s	RES, ADJ, METAL 20K
RV28	1-228-460-00	s	RES, ADJ, METAL 20K
RV29	1-228-460-00	s	RES, ADJ, METAL 20K
RV30	1-228-460-00	s	RES, ADJ, METAL 20K
RV31	1-228-460-00	s	RES, ADJ, METAL 20K
RV32	1-228-460-00	s	RES, ADJ, METAL 20K
RV33	1-228-460-00	s	RES, ADJ, METAL 20K
RV34	1-228-459-00	s	RES, ADJ, METAL 10K
RV35	1-228-459-00	s	RES, ADJ, METAL 10K

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(SH-34 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RV36	1-228-459-00	s	RES, ADJ, METAL 10K
RV41	1-228-460-00	s	RES, ADJ, METAL 20K
RV42	1-228-460-00	s	RES, ADJ, METAL 20K
RV43	1-228-460-00	s	RES, ADJ, METAL 20K
RV44	1-228-460-00	s	RES, ADJ, METAL 20K
RV45	1-228-460-00	s	RES, ADJ, METAL 20K
RV46	1-228-460-00	s	RES, ADJ, METAL 20K
RV47	1-228-460-00	s	RES, ADJ, METAL 20K
RV48	1-228-460-00	s	RES, ADJ, METAL 20K
RV49	1-228-460-00	s	RES, ADJ, METAL 20K
RV50	1-228-459-00	s	RES, ADJ, METAL 10K
RV51	1-230-750-11	s	RES, ADJ, METAL 10K
RV52	1-230-750-11	s	RES, ADJ, METAL 10K
RV53	1-230-750-11	s	RES, ADJ, METAL 10K
RV54	1-230-750-11	s	RES, ADJ, METAL 10K
RV55	1-230-751-11	s	RES, ADJ, METAL 20K
RV56	1-230-751-11	s	RES, ADJ, METAL 20K
RV59	1-230-751-11	s	RES, ADJ, METAL 20K
RV58	1-230-751-11	s	RES, ADJ, METAL 20K
RV60	1-230-751-11	s	RES, ADJ, METAL 20K
RV61	1-230-751-11	s	RES, ADJ, METAL 20K
RV62	1-230-751-11	s	RES, ADJ, METAL 20K
RV63	1-230-751-11	s	RES, ADJ, METAL 20K
RV64	1-230-751-11	s	RES, ADJ, METAL 20K
RV65	1-230-751-11	s	RES, ADJ, METAL 20K
RV66	1-230-751-11	s	RES, ADJ, METAL 20K
RV67	1-230-751-11	s	RES, ADJ, METAL 20K
RV68	1-230-751-11	s	RES, ADJ, METAL 20K
RV69	1-230-751-11	s	RES, ADJ, METAL 20K
RV70	1-230-751-11	s	RES, ADJ, METAL 20K
RV71	1-230-751-11	s	RES, ADJ, METAL 20K
RV72	1-230-751-11	s	RES, ADJ, METAL 20K
RV73	1-230-751-11	s	RES, ADJ, METAL 20K
RV74	1-230-751-11	s	RES, ADJ, METAL 20K
RV75	1-230-751-11	s	RES, ADJ, METAL 20K
RV76	1-230-751-11	s	RES, ADJ, METAL 20K
RV80	1-228-459-00	s	RES, ADJ, METAL 10K
RV81	1-228-457-00	s	RES, ADJ, METAL 2K
RV82	1-228-459-00	s	RES, ADJ, METAL 10K
RV83	1-230-751-11	s	RES, ADJ, METAL 20K
RV85	1-230-750-11	s	RES, ADJ, METAL 10K
RV86	1-230-750-11	s	RES, ADJ, METAL 10K
RV87	1-230-750-11	s	RES, ADJ, METAL 10K
RV88	1-230-750-11	s	RES, ADJ, METAL 10K
RV89	1-230-750-11	s	RES, ADJ, METAL 10K
RV90	1-230-752-11	s	RES, ADJ, METAL 50K
RV91	1-230-752-11	s	RES, ADJ, METAL 50K
RV92	1-228-458-00	s	RES, ADJ, METAL 5K
RV93	1-228-459-00	s	RES, ADJ, METAL 10K
RV94	1-228-459-00	s	RES, ADJ, METAL 10K
RV95	1-228-459-00	s	RES, ADJ, METAL 10K
RV96	1-228-459-00	s	RES, ADJ, METAL 10K
RV101	1-228-459-00	s	RES, ADJ, METAL 10K
RV102	1-228-459-00	s	RES, ADJ, METAL 10K
RV103	1-228-459-00	s	RES, ADJ, METAL 10K
S1	1-570-867-11	s	SWITCH, SLIDE
S2	1-570-867-11	s	SWITCH, SLIDE
S3	1-570-867-11	s	SWITCH, SLIDE
S4	1-570-855-11	s	SWITCH, SLIDE
S5	1-570-837-11	s	SWITCH, SLIDE
S6	1-570-867-11	s	SWITCH, SLIDE
S7	1-570-837-11	s	SWITCH, SLIDE
S8	1-570-867-11	s	SWITCH, SLIDE
S9	1-570-867-11	s	SWITCH, SLIDE
S10	1-570-867-11	s	SWITCH, SLIDE
S11	1-570-867-11	s	SWITCH, SLIDE
S12	1-553-925-00	s	SWITCH, ROTARY
S13	1-553-925-00	s	SWITCH, ROTARY
TM1	1-548-119-21	s	CLOCK

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

SV-107 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-777-A	o	MOUNTED CIRCUIT BOARD, SV-107
C2	1-126-096-11	s	ELECT 10MF 20% 35V
C21	1-136-206-11	s	FILM 0.033MF 5% 630V
C22	1-136-340-11	s	FILM 0.01MF 10% 800V
C23	1-136-340-11	s	FILM 0.01MF 10% 800V
C24	1-136-340-11	s	FILM 0.01MF 10% 800V
CN1	1-506-626-11	o	CONNECTOR, 22P FEMALE
CN2	1-506-621-11	o	CONNECTOR, PS 12P, MALE
CN3	1-506-619-11	o	CONNECTOR, 8P FEMALE
CN4	1-506-468-11	o	CONNECTOR, 3P, MALE
CN5	1-506-468-11	o	CONNECTOR, 3P, MALE
CN6	1-506-468-11	o	CONNECTOR, 3P, MALE
CN7	1-506-475-11	o	CONNECTOR, 10P, MALE
CN8	1-506-475-11	o	CONNECTOR, 10P, MALE
CN9	1-506-475-11	o	CONNECTOR, 10P, MALE
CN10	1-506-469-31	o	CONNECTOR, 4P, MALE
CN11	1-506-469-11	o	CONNECTOR, 4P, MALE
CN12	1-506-469-11	o	CONNECTOR, 4P, MALE
CN13	1-506-473-11	o	CONNECTOR, 8P, MALE
CN14	1-506-467-11	o	CONNECTOR, 2P, MALE
CN15	1-506-467-11	o	CONNECTOR, 2P, MALE
CN16	1-506-467-11	o	CONNECTOR, 2P, MALE
CN17	1-506-467-11	o	CONNECTOR, 2P, MALE
D1	8-719-106-64	s	DIODE RD11M-B1
D2	8-719-800-76	s	DIODE 1SS226
D3	8-719-800-76	s	DIODE 1SS226
D4	8-719-800-76	s	DIODE 1SS226
D5	8-719-800-76	s	DIODE 1SS226
D6	8-719-800-76	s	DIODE 1SS226
D7	8-719-800-76	s	DIODE 1SS226
D8	8-719-800-76	s	DIODE 1SS226
D9	8-719-800-76	s	DIODE 1SS226
IC1	8-759-142-19	s	IC UPC4064G
IC2	8-759-928-08	s	IC TLC27M4CNS
IC3	8-759-142-19	s	IC UPC4064G
IC4	8-759-009-06	s	IC MC14052BF
IC5	8-759-009-06	s	IC MC14052BF
IC6	8-759-142-19	s	IC UPC4064G
Q1	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q3	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q4	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q5	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q6	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q7	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q8	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q9	8-729-230-31	s	TRANSISTOR 2SC3074LB
Q10	8-729-230-31	s	TRANSISTOR 2SC3074LB
Q11	8-729-230-31	s	TRANSISTOR 2SC3074LB
Q12	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q13	8-729-140-36	s	TRANSISTOR 2SC3734-B23
R2	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R3	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R4	1-216-635-11	s	METAL CHIP 220 0.50% 1/10W
R5	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R6	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W

(SV-107 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R7	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R8	1-216-635-11	s	METAL CHIP 220 0.50% 1/10W
R13	1-216-635-11	s	METAL CHIP 220 0.50% 1/10W
R14	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R15	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R16	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R17	1-216-635-11	s	METAL CHIP 220 0.50% 1/10W
R22	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R24	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R32	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R34	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R45	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R46	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R53	1-216-657-11	s	METAL CHIP 1.8K 0.5% 1/10W
R54	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R57	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R58	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R61	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R62	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
RV1	1-228-455-00	s	RES, ADJ, METAL 500
RV2	1-228-455-00	s	RES, ADJ, METAL 500
RV3	1-228-455-00	s	RES, ADJ, METAL 500
RV4	1-228-455-00	s	RES, ADJ, METAL 500
RV5	1-228-459-00	s	RES, ADJ, METAL 10K
RV6	1-228-454-00	s	RES, ADJ, METAL 200
RV7	1-228-454-00	s	RES, ADJ, METAL 200
RV8	1-228-454-00	s	RES, ADJ, METAL 200
S1	1-570-987-11	s	SWITCH, TOGGLE

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

SW-287 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-627-260-11	o	PRINTED CIRCUIT BOARD, SW-287
CN1	1-506-637-11	o	CONNECTOR, 16P MALE
CN2	1-506-481-11	o	CONNECTOR, 2P, MALE
D1	8-719-970-47	s	DIODE PG4632KY
D2	8-719-970-47	s	DIODE PG4632KY
D3	8-719-970-47	s	DIODE PG4632KY
D4	8-719-945-50	s	DIODE PR4632K
D5	8-719-970-47	s	DIODE PG4632KY
D6	8-719-970-47	s	DIODE PG4632KY
D7	8-719-970-47	s	DIODE PG4632KY
D8	8-719-970-47	s	DIODE PG4632KY
D9	8-719-800-76	s	DIODE 1SS226
D10	8-719-800-76	s	DIODE 1SS226
D11	8-719-800-76	s	DIODE 1SS226
D12	8-719-800-76	s	DIODE 1SS226
D13	8-719-800-76	s	DIODE 1SS226
D14	8-719-800-76	s	DIODE 1SS226
D15	8-719-800-76	s	DIODE 1SS226
D16	8-719-800-76	s	DIODE 1SS226
IC1	8-759-926-12	s	IC SN74HC139NS
IC2	8-759-926-48	s	IC SN74HC244NS
R11	1-216-022-00	s	METAL CHIP 75 5% 1/10W
S1	1-553-739-21	s	SWITCH, PUSH
S2	1-553-739-21	s	SWITCH, PUSH
S3	1-553-739-21	s	SWITCH, PUSH
S4	1-553-739-21	s	SWITCH, PUSH
S5	1-553-739-21	s	SWITCH, PUSH
S6	1-553-739-21	s	SWITCH, PUSH
S7	1-553-739-21	s	SWITCH, PUSH

VA-73 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-781-A	o	MOUNTED CIRCUIT BOARD, VA-73
2pcs	1-560-707-00	o	POLARISING KEY
1pc	1-808-446-11	s	THERMISTOR (POSITIVE)
2pcs	3-711-775-01	o	LEVER, PULL
C2	1-124-225-00	s	ELECT 100MF 20% 6.3V
C3	1-124-225-00	s	ELECT 100MF 20% 6.3V
C4	1-124-584-00	s	ELECT 100MF 20% 10V
C5	1-162-638-11	s	CERAMIC CHIP 1 16V
C12	1-124-225-00	s	ELECT 100MF 20% 6.3V
C29	1-162-638-11	s	CERAMIC CHIP 1 16V
C102	1-124-225-00	s	ELECT 100MF 20% 6.3V
C103	1-124-225-00	s	ELECT 100MF 20% 6.3V
C104	1-124-584-00	s	ELECT 100MF 20% 10V
C105	1-162-638-11	s	CERAMIC CHIP 1 16V
C112	1-124-225-00	s	ELECT 100MF 20% 6.3V
C129	1-162-638-11	s	CERAMIC CHIP 1 16V
C202	1-124-225-00	s	ELECT 100MF 20% 6.3V
C203	1-124-225-00	s	ELECT 100MF 20% 6.3V
C204	1-124-584-00	s	ELECT 100MF 20% 10V
C205	1-162-638-11	s	CERAMIC CHIP 1 16V
C212	1-124-225-00	s	ELECT 100MF 20% 6.3V
C229	1-162-638-11	s	CERAMIC CHIP 1 16V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
D401	8-719-106-16	s	DIODE RD6.8M-B1
D402	8-719-106-16	s	DIODE RD6.8M-B1
IC1	1-808-668-11	s	IC HDVA-1
IC2	8-759-142-20	s	IC UPG4062G2
IC3	8-759-142-20	s	IC UPG4062G2
IC4	8-759-030-49	s	IC MCM1495M
IC5	8-759-030-49	s	IC MCM1495M
IC6	1-808-668-11	s	IC HDVA-1
IC7	8-759-142-20	s	IC UPG4062G2
IC101	1-808-668-11	s	IC HDVA-1
IC102	8-759-142-20	s	IC UPG4062G2
IC103	8-759-142-20	s	IC UPG4062G2
IC104	8-759-030-49	s	IC MCM1495M
IC105	8-759-030-49	s	IC MCM1495M
IC106	1-808-668-11	s	IC HDVA-1
IC107	8-759-142-20	s	IC UPG4062G2
IC201	1-808-668-11	s	IC HDVA-1
IC202	8-759-142-20	s	IC UPG4062G2
IC203	8-759-142-20	s	IC UPG4062G2
IC204	8-759-030-49	s	IC MCM1495M
IC205	8-759-030-49	s	IC MCM1495M
IC206	1-808-668-11	s	IC HDVA-1
IC207	8-759-142-20	s	IC UPG4062G2
IC401	8-741-117-90	s	IC BX1179
IC402	8-741-117-90	s	IC BX1179
IC403	8-759-009-05	s	IC MC14051BF
IC404	8-759-209-57	s	IC TC4S69F
IC405	8-759-142-20	s	IC UPG4062G
IC406	8-759-209-69	s	IC TC4S11F
IC407	8-759-209-69	s	IC TC4S11F
IC408	8-759-209-69	s	IC TC4S11F
Q1	8-769-401-68	s	TRANSISTOR 3SK163-2
Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q3	8-769-401-68	s	TRANSISTOR 3SK163-2

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-73 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q4	8-769-401-68	s	TRANSISTOR 3SK163-2
Q5	8-769-401-68	s	TRANSISTOR 3SK163-2
Q6	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q7	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q8	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q9	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q10	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q11	8-769-401-68	s	TRANSISTOR 3SK163-2
Q12	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q13	8-769-401-68	s	TRANSISTOR 3SK163-2
Q14	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q15	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q101	8-769-401-68	s	TRANSISTOR 3SK163-2
Q102	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q103	8-769-401-68	s	TRANSISTOR 3SK163-2
Q104	8-769-401-68	s	TRANSISTOR 3SK163-2
Q105	8-769-401-68	s	TRANSISTOR 3SK163-2
Q106	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q107	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q108	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q109	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q110	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q111	8-769-401-68	s	TRANSISTOR 3SK163-2
Q112	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q113	8-769-401-68	s	TRANSISTOR 3SK163-2
Q114	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q115	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q201	8-769-401-68	s	TRANSISTOR 3SK163-2
Q202	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q203	8-769-401-68	s	TRANSISTOR 3SK163-2
Q204	8-769-401-68	s	TRANSISTOR 3SK163-2
Q205	8-769-401-68	s	TRANSISTOR 3SK163-2
Q206	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q207	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q208	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q209	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q210	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q211	8-769-401-68	s	TRANSISTOR 3SK163-2
Q212	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q213	8-769-401-68	s	TRANSISTOR 3SK163-2
Q214	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q215	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q401	8-729-100-66	s	TRANSISTOR 2SC1623
Q402	8-729-100-66	s	TRANSISTOR 2SC1623
R11	1-216-639-11	s	METAL CHIP 330 0.50% 1/10W
R13	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R15	1-216-666-11	s	METAL CHIP 4.3K 0.50% 1/10W
R17	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R19	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R31	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R32	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R34	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R35	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R36	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R37	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R41	1-216-677-11	s	METAL CHIP 12K 0.50% 1/10W
R42	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R45	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R46	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(VA-73 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R47	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R51	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R54	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R56	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R57	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R60	1-216-627-11	s	METAL CHIP 100 0.50% 1/10W
R67	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R73	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R83	1-216-112-00	s	METAL CHIP 430K 5% 1/10W
R84	1-216-643-11	s	METAL CHIP 470 0.5% 1/10W
R111	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R113	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R115	1-216-666-11	s	METAL CHIP 4.3K 0.50% 1/10W
R117	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R119	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R131	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R132	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R134	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R135	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R136	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R137	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R141	1-216-677-11	s	METAL CHIP 12K 0.50% 1/10W
R142	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R145	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R146	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R147	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R151	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R154	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R156	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R157	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R160	1-216-627-11	s	METAL CHIP 100 0.50% 1/10W
R167	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R173	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R183	1-216-112-00	s	METAL CHIP 430K 5% 1/10W
R184	1-216-643-11	s	METAL CHIP 470 0.5% 1/10W
R211	1-216-629-11	s	METAL CHIP 120 0.5% 1/10W
R213	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R215	1-216-666-11	s	METAL CHIP 4.3K 0.50% 1/10W
R217	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R219	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R231	1-216-648-11	s	METAL CHIP 750 0.50% 1/10W
R232	1-216-647-11	s	METAL CHIP 680 0.50% 1/10W
R234	1-216-659-11	s	METAL CHIP 2.2K 0.50% 1/10W
R235	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R236	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R237	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
R241	1-216-677-11	s	METAL CHIP 12K 0.50% 1/10W
R242	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R245	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R246	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R247	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R251	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R254	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R256	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R257	1-216-653-11	s	METAL CHIP 1.2K 0.50% 1/10W
R260	1-216-627-11	s	METAL CHIP 100 0.50% 1/10W
R267	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R273	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R283	1-216-112-00	s	METAL CHIP 430K 5% 1/10W

(VA-73 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R284	1-216-643-11	s	METAL CHIP 470 0.5% 1/10W
R407	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R408	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R409	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R410	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R411	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R412	1-216-683-11	s	METAL CHIP 22K 0.50% 1/10W
R413	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R414	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R415	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R416	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R417	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R418	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R424	1-216-697-11	s	METAL CHIP 82K 0.50% 1/10W
R425	1-216-690-11	s	METAL CHIP 43K 0.50% 1/10W
R426	1-216-687-11	s	METAL CHIP 33K 0.50% 1/10W
R427	1-216-684-11	s	METAL CHIP 24K 0.50% 1/10W
R428	1-216-680-11	s	METAL CHIP 16K 0.50% 1/10W
R429	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R430	1-216-675-11	s	METAL CHIP 10K 0.50% 1/10W
R431	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R447	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R451	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
RV1	1-228-470-00	s	RES, ADJ, METAL 500
RV2	1-228-461-00	s	RES, ADJ, METAL 50K
RV3	1-228-456-00	s	RES, ADJ, METAL 1K
RV101	1-228-454-00	s	RES, ADJ, METAL 200
RV102	1-228-461-00	s	RES, ADJ, METAL 50K
RV103	1-228-456-00	s	RES, ADJ, METAL 1K
RV201	1-228-469-00	s	RES, ADJ, METAL 200
RV202	1-228-461-00	s	RES, ADJ, METAL 50K
RV203	1-228-456-00	s	RES, ADJ, METAL 1K
RV401	1-228-462-00	s	RES, ADJ, METAL 100K
RV402	1-228-455-00	s	RES, ADJ, METAL 500

VDA-14 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-7513-782-A	o	MOUNTED CIRCUIT BOARD, VDA-14
2pcs	1-560-707-00	o	POLARISING KEY
2pcs	3-711-775-01	o	LEVER, PULL
C1	1-124-225-00	s	ELECT 100MF 20% 6.3V
C2	1-124-225-00	s	ELECT 100MF 20% 6.3V
C7	1-161-900-11	s	CERAMIC 1MF 50V
C9	1-124-225-00	s	ELECT 100MF 20% 6.3V
C14	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C15	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C17	1-124-225-00	s	ELECT 100MF 20% 6.3V
C24	1-124-225-00	s	ELECT 100MF 20% 6.3V
C31	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C101	1-124-225-00	s	ELECT 100MF 20% 6.3V
C102	1-124-225-00	s	ELECT 100MF 20% 6.3V
C107	1-161-900-11	s	CERAMIC 1MF 50V
C109	1-124-225-00	s	ELECT 100MF 20% 6.3V
C114	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C115	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C117	1-124-225-00	s	ELECT 100MF 20% 6.3V
C124	1-124-225-00	s	ELECT 100MF 20% 6.3V
C131	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C201	1-124-225-00	s	ELECT 100MF 20% 6.3V
C202	1-124-225-00	s	ELECT 100MF 20% 6.3V
C207	1-161-900-11	s	CERAMIC 1MF 50V
C209	1-124-225-00	s	ELECT 100MF 20% 6.3V
C214	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C215	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C217	1-124-225-00	s	ELECT 100MF 20% 6.3V
C224	1-124-225-00	s	ELECT 100MF 20% 6.3V
C231	1-130-483-00	s	MYLAR 0.01MF 5% 50V
C301	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C302	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C303	1-135-164-21	s	TANTALUM CHIP 22uF 20% 10V
C307	1-102-943-00	s	CERAMIC 6PF 0.5PF 50V
C308	1-102-943-00	s	CERAMIC 6PF 0.5PF 50V
CN1	1-564-851-11	o	CONNECTOR, 50P, MALE
D1	8-719-948-47	s	DIODE HSM88AS
D2	8-719-800-76	s	DIODE 1SS226
D102	8-719-800-76	s	DIODE 1SS226
D111	8-719-948-47	s	DIODE HSM88AS
D202	8-719-800-76	s	DIODE 1SS226
D211	8-719-948-47	s	DIODE HSM88AS
D301	8-719-105-32	s	DIODE RD2.7M-B2
IC1	1-808-668-11	s	IC HDVA-1
IC2	8-759-142-20	s	IC UPG4062G2
IC3	8-759-142-20	s	IC UPG4062G2
IC4	1-808-668-11	s	IC HDVA-1
IC5	8-759-969-13	s	IC SN16913P
IC101	1-808-668-11	s	IC HDVA-1
IC102	8-759-142-20	s	IC UPG4062G2
IC103	8-759-142-20	s	IC UPG4062G2
IC104	1-808-668-11	s	IC HDVA-1
IC105	8-759-969-13	s	IC SN16913P
IC201	1-808-668-11	s	IC HDVA-1
IC202	8-759-142-20	s	IC UPG4062G2
IC203	8-759-142-20	s	IC UPG4062G2
IC204	1-808-668-11	s	IC HDVA-1

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

Ref. No. or Q'ty	Part No.	SP	Description
IC205	8-759-969-13	s	IC SN16913P
IC301	8-759-209-57	s	IC TC4S69F
IC302	8-759-209-57	s	IC TC4S69F
IC303	8-759-200-80	s	IC TC4050BF
Q1	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q2	8-769-401-68	s	TRANSISTOR 3SK163-2
Q3	8-729-100-66	s	TRANSISTOR 2SC1623
Q4	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q5	8-769-401-68	s	TRANSISTOR 3SK163-2
Q6	8-729-100-66	s	TRANSISTOR 2SC1623
Q7	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q8	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q9	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q10	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q11	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q12	8-769-401-68	s	TRANSISTOR 3SK163-2
Q101	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q102	8-769-401-68	s	TRANSISTOR 3SK163-2
Q103	8-729-100-66	s	TRANSISTOR 2SC1623
Q104	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q105	8-769-401-68	s	TRANSISTOR 3SK163-2
Q106	8-729-100-66	s	TRANSISTOR 2SC1623
Q107	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q108	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q109	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q110	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q111	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q112	8-769-401-68	s	TRANSISTOR 3SK163-2
Q201	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q202	8-769-401-68	s	TRANSISTOR 3SK163-2
Q203	8-729-100-66	s	TRANSISTOR 2SC1623
Q204	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q205	8-769-401-68	s	TRANSISTOR 3SK163-2
Q206	8-729-100-66	s	TRANSISTOR 2SC1623
Q207	8-729-216-22	s	TRANSISTOR 2SA812-M6
Q208	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q209	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q210	8-729-140-36	s	TRANSISTOR 2SC3734-B23
Q211	8-729-140-31	s	TRANSISTOR 2SA1461-Y23
Q212	8-769-401-68	s	TRANSISTOR 3SK163-2
Q301	8-729-100-66	s	TRANSISTOR 2SC1623
R5	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R9	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R12	1-216-114-00	s	METAL CHIP 510K 5% 1/10W
R17	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R18	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R26	1-216-114-00	s	METAL CHIP 510K 5% 1/10W
R41	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R42	1-216-655-11	s	METAL CHIP 1.5K 0.50% 1/10W
R45	1-216-664-11	s	METAL CHIP 3.6K 0.50% 1/10W
R46	1-216-638-11	s	METAL CHIP 300 0.50% 1/10W
R48	1-216-670-11	s	METAL CHIP 6.2K 0.50% 1/10W
R49	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R53	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R54	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R65	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R66	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R105	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R112	1-216-114-00	s	METAL CHIP 510K 5% 1/10W
R117	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R118	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R126	1-216-114-00	s	METAL CHIP 510K 5% 1/10W
R141	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R142	1-216-655-11	s	METAL CHIP 1.5K 0.50% 1/10W
R145	1-216-664-11	s	METAL CHIP 3.6K 0.50% 1/10W
R146	1-216-638-11	s	METAL CHIP 300 0.50% 1/10W
R148	1-216-670-11	s	METAL CHIP 6.2K 0.50% 1/10W
R149	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
R153	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R154	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R165	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R166	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R205	1-216-641-11	s	METAL CHIP 390 0.50% 1/10W
R212	1-216-114-00	s	METAL CHIP 510K 5% 1/10W
R217	1-216-681-11	s	METAL CHIP 18K 0.50% 1/10W
R218	1-216-672-11	s	METAL CHIP 7.5K 0.50% 1/10W
R226	1-216-114-00	s	METAL CHIP 510K 5% 1/10W
R241	1-216-663-11	s	METAL CHIP 3.3K 0.50% 1/10W
R242	1-216-655-11	s	METAL CHIP 1.5K 0.50% 1/10W
R245	1-216-664-11	s	METAL CHIP 3.6K 0.50% 1/10W
R246	1-216-638-11	s	METAL CHIP 300 0.50% 1/10W
R248	1-216-670-11	s	METAL CHIP 6.2K 0.50% 1/10W
R249	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
R253	1-216-624-11	s	METAL CHIP 75 0.50% 1/10W
R254	1-216-651-11	s	METAL CHIP 1K 0.50% 1/10W
R265	1-216-668-11	s	METAL CHIP 5.1K 0.50% 1/10W
R266	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
R312	1-216-660-11	s	METAL CHIP 2.4K 0.50% 1/10W
RV1	1-228-457-00	s	RES, ADJ, METAL 2K
RV2	1-228-453-00	s	RES, ADJ, METAL 100
RV3	1-228-459-00	s	RES, ADJ, METAL 10K
RV4	1-228-462-00	s	RES, ADJ, METAL 100K
RV101	1-228-457-00	s	RES, ADJ, METAL 2K
RV102	1-228-453-00	s	RES, ADJ, METAL 100
RV103	1-228-459-00	s	RES, ADJ, METAL 10K
RV104	1-228-462-00	s	RES, ADJ, METAL 100K
RV201	1-228-457-00	s	RES, ADJ, METAL 2K
RV202	1-228-453-00	s	RES, ADJ, METAL 100
RV203	1-228-459-00	s	RES, ADJ, METAL 10K
RV204	1-228-462-00	s	RES, ADJ, METAL 100K
RV301	1-228-456-00	s	RES, ADJ, METAL 1K

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

FRAME

Ref. No. or Q'ty	Part No.	SP	Description
	1-136-206-11	s	FILM 0.033uF 5% 630V
	1-216-746-11	s	METAL 47M 5% 1/4W
	1-547-336-11	o	PRISM (OPTICAL)
	1-562-149-11	s	HOUSING, 4P
	1-563-088-11	o	CONTACT, FEMALE, AWG-24-30
C101	1-136-205-11	s	FILM 0.022MF 10% 630V
C102	1-136-205-11	s	FILM 0.022MF 10% 630V
CN1F(to SW-287 board)			
	1-563-122-11	o	HOUSING, 16P
	1-563-115-11	o	CONTACT, AWG-24-28
CN1M(to PA-80R board)			
	1-942-761-11	o	HARNESS (R-VIDEO)
	1-560-163-00	s	PLUG, RF
CN1M(to PA-80G board)			
	1-942-762-11	o	HARNESS (G-VIDEO)
	1-560-163-00	s	PLUG, RF
CN1M(to PA-80B board)			
	1-942-763-11	o	HARNESS (B-VIDEO)
	1-560-163-00	s	PLUG, RF
CN1M(to SV-107 board)			
	1-563-125-11	o	HOUSING, 22P
	1-563-115-11	o	CONTACT, AWG-24-28
CN2F(to MB-210 board)			
	1-563-123-11	o	HOUSING, 18P
	1-563-115-11	o	CONTACT, AWG-24-28
CN2F(to SW-287 board)			
	1-562-147-11	o	HOUSING, 2P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN2F(to IF-213 board)			
	1-562-153-11	o	HOUSING, 8P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN2F(to CN-262 board)			
	1-562-185-00	o	HOUSING, 14P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN2F(to SV-107 board)			
	1-563-120-11	o	HOUSING, 12P
	1-563-115-11	o	CONTACT, AWG-24-28
CN3F(to CN-262 board)			
	1-562-151-11	o	HOUSING, 6P
	1-563-115-11	o	CONTACT, AWG-24-28
CN3F(to IF-213 board)			
	1-563-122-11	o	HOUSING, 16P
	1-563-115-11	o	CONTACT, AWG-24-28
CN3F(to MB-211 board)			
	1-562-185-00	o	HOUSING, 14P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN3F(to PA-80 board)			
	1-562-148-11	o	HOUSING, 3P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN3F(to SV-107 board)			
	1-563-118-11	o	HOUSING, 8P
	1-563-115-11	o	CONTACT, AWG-24-28

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
CN4F(to SV-107 board)			
	1-562-148-11	o	HOUSING, 3P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN4F(to MB-211 board)			
	1-563-120-11	o	HOUSING, 12P
	1-563-115-11	o	CONTACT, AWG-24-28
CN4F(to CN-262 board)			
	1-562-155-11	o	HOUSING, 10P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN5F(to CN-262 board)			
	1-562-155-11	o	HOUSING, 10P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN5F(to SV-107 board)			
	1-562-148-11	o	HOUSING, 3P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN6F(to SV-107 board)			
	1-562-148-11	o	HOUSING, 3P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN6F(to CN-262 board)			
	1-562-149-11	o	HOUSING, 4P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN7F(to SV-107 board)			
	1-942-755-11	s	HARNESS (TUBE)
	1-562-155-11	o	HOUSING, 10P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN8F(to SV-107 board)			
	1-942-755-11	s	HARNESS (TUBE)
	1-562-155-11	o	HOUSING, 10P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN8M(to MB-206 board)			
	1-563-118-11	o	HOUSING, 8P
	1-563-115-11	o	CONTACT, AWG-24-28
CN9F(to SV-107 board)			
	1-942-755-11	s	HARNESS (TUBE)
	1-562-155-11	o	HOUSING, 10P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN9F(to MB-206 board)			
	1-562-149-11	o	HOUSING, 4P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN10F(to MB-206 board)			
	1-562-149-11	o	HOUSING, 4P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN11F(to MB-206 board)			
	1-563-123-11	o	HOUSING, 18P
	1-563-115-11	o	CONTACT, AWG-24-28
CN12F(to MB-206 board)			
	1-564-026-00	s	CONTACT, FEMALE, AWG24-30
	1-562-147-11	o	HOUSING, 2P
CN13F(to MB-206 board)			
	1-562-157-11	o	HOUSING, 12P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
CN14F(to MB-206 board)			
	1-562-157-11	o	HOUSING, 12P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN15F(to MB-206 board)			
	1-562-157-21	o	HOUSING, 12P
	1-563-088-11	o	CONTACT, FEMALE, AWG24-30
CN16F(to MB-206 board)			
	1-562-151-11	o	HOUSING, 6P
	1-563-115-11	o	CONTACT, AWG-24-28
CN17F(to MB-206 board)			
	1-563-122-11	o	HOUSING, 16P
	1-563-115-11	o	CONTACT, AWG-24-28
CN18M(to MB-206 board)			
	1-563-125-11	o	HOUSING, 22P
	1-563-115-11	o	CONTACT, AWG-24-28
CN19M(to MB-206 board)			
	1-563-118-11	o	HOUSING, 8P
	1-563-115-11	o	CONTACT, AWG-24-28
CN21F(to MB-206 board)			
	1-563-116-11	o	HOUSING, 4P
	1-563-115-11	o	CONTACT, AWG-24-28
CN30M(to MB-206 board)			
	1-942-761-11	o	HARNESS (R-VIDEO)
	1-560-163-00	s	PLUG, RF
CN31M(to MB-206 board)			
	1-942-762-11	o	HARNESS (G-VIDEO)
	1-560-163-00	s	PLUG, RF
CN32M(to MB-206 board)			
	1-942-763-11	o	HARNESS (B-VIDEO)
	1-560-163-00	s	PLUG, RF
CN33M(to MB-206 board) CN34M(to MB-206 board) CN35M(to MB-206 board) CN36M(to MB-206 board) CN37M(to MB-206 board)			
	1-560-163-00	s	PLUG, RF
CN101	1-562-809-11	s	CONNECTOR, ROUND, MALE, 11P "CCU"
CN102	1-562-221-51	s	CONNECTOR, FEMALE, 12P "VF-1"
CN103	1-562-221-51	s	CONNECTOR, FEMALE, 12P "VF-2"
CN104	1-562-221-51	s	CONNECTOR, FEMALE, 12P "REMOTE"
CN105	1-565-072-21	s	CONNECTOR, FEMALE, 4P "VF-POWER"
CN106	1-562-622-11	s	CONNECTOR, BNC "MONITOR"
CN107	1-562-221-51	s	CONNECTOR, FEMALE, 12P "LENS"
CN108	1-565-072-21	s	CONNECTOR, FEMALE, 4P "LENS-POWER"
CN109	1-507-676-00	s	JACK, PHONE "INCOM 1"
CN110	1-507-676-00	s	JACK, PHONE "INCOM 2"
FB101	1-543-609-11	s	CORE, FERRITE
S101	1-571-367-11	s	TOGGLE "POWER ON/OFF"
S102	1-571-070-11	s	TOGGLE "INCOM 1 MIC"
S103	1-571-070-11	s	TOGGLE "INCOM 2 MIC"
R101	1-249-407-11	s	CARBON 150 5% 1/4W
R102	1-249-407-11	s	CARBON 150 5% 1/4W

(FRAME)

Ref. No. or Q'ty	Part No.	SP	Description
RV101	1-237-981-11	s	RES, VAR, CARBON 20K "INCOM 1 LEVEL
RV102	1-237-981-11	s	RES, VAR, CARBON 20K "INCOM 2 LEVEL
VDR101	1-806-500-11	s	ERZ-C05DK390
VDR102	1-806-500-11	s	ERZ-C05DK390

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

PACKING MATERIALS & SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP	Description
	A-7513-793-A	o	MOUNTED CIRCUIT BOARD, EX-188
	2-280-511-01	o	BRACKET, ADJUSTMENT, ANGLE
	3-731-746-01	s	CHART
	3-734-231-01	o	CASE, CARRYING
	7-627-556-58	s	SCREW +P 2.6X5
	7-700-736-03	s	WRENCH, L-SHAPED HEX. (2.0MM)
	7-721-140-60	s	WRENCH, L (3.0MM)

Please see pages D-17 to D-21 for the part numbers of capacitors and resistors that are not listed in the parts list.

SECTION E
CHANGED PARTS

NOTE: The numbers identified by making with) are matching with each serial numbers.

901) Serial No. 10201 and higher
904) Serial No. 10301 and higher

AB-13 BOARD

OLD)	C26	1-131-377-00	s	TANTALUM 10MF 10% 10V
901)	C26	1-161-897-11	s	CERAMIC 0.33MF 50V
OLD)	C126	1-131-377-00	s	TANTALUM 10MF 10% 10V
901)	C126	1-161-897-11	s	CERAMIC 0.33MF 50V
OLD)	C226	1-131-377-00	s	TANTALUM 10MF 10% 10V
901)	C226	1-161-897-11	s	CERAMIC 0.33MF 50V
OLD)	Q79	8-729-140-31	s	2SA1461-Y23
904)	Q79	DELETED.		
OLD)	R27	1-216-057-00	s	METAL CHIP 2.2K 5% 1/10W
904)	R27	1-216-049-00	s	METAL CHIP 1K 5% 1/10W
OLD)	R29	1-216-053-00	s	METAL CHIP 1.5K 5% 1/10W
904)	R29	1-216-051-00	s	METAL CHIP 1.2K 5% 1/10W
OLD)	R30	1-216-077-00	s	METAL CHIP 15K 5% 1/10W
904)	R30	DELETED.		
OLD)	R31	1-216-070-00	s	METAL CHIP 7.5K 5% 1/10W
904)	R31	DELETED.		
OLD)	R33	1-216-061-00	s	METAL CHIP 3.3K 5% 1/10W
904)	R33	DELETED.		
OLD)	R127	1-216-057-00	s	METAL CHIP 2.2K 5% 1/10W
904)	R127	1-216-049-00	s	METAL CHIP 1K 5% 1/10W
OLD)	R129	1-216-053-00	s	METAL CHIP 1.5K 5% 1/10W
904)	R129	1-216-051-00	s	METAL CHIP 1.2K 5% 1/10W
OLD)	R130	1-216-077-00	s	METAL CHIP 15K 5% 1/10W
904)	R130	DELETED.		
OLD)	R133	1-216-061-00	s	METAL CHIP 3.3K 5% 1/10W
904)	R133	DELETED.		
OLD)	R227	1-216-057-00	s	METAL CHIP 2.2K 5% 1/10W
904)	R227	1-216-049-00	s	METAL CHIP 1K 5% 1/10W
OLD)	R229	1-216-053-00	s	METAL CHIP 1.5K 5% 1/10W
904)	R229	1-216-051-00	s	METAL CHIP 1.2K 5% 1/10W
OLD)	R230	1-216-077-00	s	METAL CHIP 15K 5% 1/10W
904)	R230	DELETED.		
OLD)	R233	1-216-061-00	s	METAL CHIP 3.3K 5% 1/10W
904)	R233	DELETED.		

CN-262 BOARD

OLD)	1pc	NOT IN USE.		
904)	1pc	1-565-690-21	o	CONNECTOR, FLAT CABLE 60P
OLD)	C10	NOT IN USE.		
901)	C10	1-124-242-00	s	ELECT 33uF 20% 25V
OLD)	C11	NOT IN USE.		
904)	C11	1-131-347-00	s	TANTALUM 1MF 10% 35V
OLD)	C12	NOT IN USE.		
904)	C12	1-131-347-00	s	TANTALUM 1MF 10% 35V
OLD)	IC3	NOT IN USE.		
904)	IC3	8-759-208-11	s	IC TC4053BFHB
OLD)	Q1	NOT IN USE.		
901)	Q1	8-729-140-36	s	TRANSISTOR 2SC3734-B23

(CN-262 BOARD)

OLD)	Q2	NOT IN USE.		
901)	Q2	8-729-140-36	s	TRANSISTOR 2SC3734-B23
OLD)	R5	1-216-001-00	s	METAL CHIP 10 5% 1/10W
904)	R5	DELETED.		
OLD)	R6	1-216-001-00	s	METAL CHIP 10 5% 1/10W
904)	R6	DELETED.		
OLD)	R7	NOT IN USE.		
901)	R7	1-216-073-00	s	METAL CHIP 10K 5% 1/10W
OLD)	R8	NOT IN USE.		
904)	R8	1-216-097-00	s	METAL CHIP 100K 5% 1/10W
OLD)	R9	NOT IN USE.		
904)	R9	1-216-121-00	s	METAL CHIP 1M 5% 1/10W

DF-46 BOARD

OLD)	IC7	8-759-208-11	s	IC TC4053BFHB
904)	IC7	8-759-009-07	s	IC MC14053BF
OLD)	IC8	8-759-208-11	s	IC TC4053BFHB
904)	IC8	8-759-009-07	s	IC MC14053BF
OLD)	IC9	1-808-673-11	s	IC V-SAW
901)	IC9	1-808-674-11	s	IC H-SAW
OLD)	IC14	1-808-674-11	s	IC H-SAW
901)	IC14	1-808-673-11	s	IC V-SAW

IF-213 BOARD

OLD)	C280	1-161-485-00	s	CERAMIC 0.1MF 50V
901)	C280	1-163-038-00	s	CERAMIC CHIP 0.1MF 25V
OLD)	C281	1-161-485-00	s	CERAMIC 0.1MF 50V
901)	C281	1-163-038-00	s	CERAMIC CHIP 0.1MF 25V
OLD)	C282	1-161-485-00	s	CERAMIC 0.1MF 50V
901)	C282	1-163-038-00	s	CERAMIC CHIP 0.1MF 25V
OLD)	C283	1-161-485-00	s	CERAMIC 0.1MF 50V
901)	C283	DELETED.		
OLD)	C284	NOT IN USE.		
901)	C284	1-163-038-00	s	CERAMIC CHIP 0.1MF 25V
OLD)	CN2	1-506-473-11	o	RECEPTACLE, 8P, MALE
904)	CN2	1-506-487-11	o	CONNECTOR, 8P, MALE
OLD)	CN3	1-506-637-11	o	RECEPTACLE, 16P MALE
904)	CN3	1-506-623-11	o	CONNECTOR, PS 16P, MALE
OLD)	CNI101	1-526-662-21	s	SOCKET, IC (DP) 40P
904)	CNI101	DELETED.		
OLD)	CNI106	1-540-024-11	o	SOCKET, IC
904)	CNI106	1-540-024-12	o	SOCKET, IC

(IF-213 BOARD)

OLD)	IC133	8-759-208-11	s	IC TC4053BFHB
904)	IC133	8-759-009-07	s	IC MC14053BF
OLD)	IC134	8-759-208-11	s	IC TC4053BFHB
904)	IC134	8-759-009-07	s	IC MC14053BF
OLD)	IC135	8-759-208-11	s	IC TC4053BFHB
904)	IC135	8-759-009-07	s	IC MC14053BF

IV-22 BOARD

OLD)	IC1	8-759-200-77	s	IC TC4028BF
904)	IC1	8-759-008-95	s	IC MC14028BF
OLD)	IC7	8-759-208-11	s	IC TC4053BFHB
904)	IC7	8-759-009-07	s	IC MC14053BF

MB-206 BOARD

OLD)	1pc	NOT IN USE.		
904)	1pc	1-565-690-21	o	CONNECTOR, FLAT CABLE 60P
OLD)	R12	1-216-017-00	s	METAL CHIP 47 5% 1/10W
904)	R12	1-216-041-00	s	METAL CHIP 470 5% 1/10W

PA-80 BOARD

OLD)	C13	1-163-085-00	s	CERAMIC CHIP 2PF 0.25PF 50V
904)	C13	1-163-083-00	s	CERAMIC CHIP 1PF 0.25PF 50V
OLD)	R11	1-216-642-11	s	METAL CHIP 430 0.50% 1/10W
901)	R11	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
OLD)	R19	1-216-105-00	s	METAL CHIP 220K 5% 1/10W
904)	R19	1-216-121-00	s	METAL CHIP 1M 5% 1/10W

RG-22 BOARD

OLD)	C261	1-135-088-21	s	TANTALUM CHIP 2.2uF 10% 20V
904)	C261	1-135-153-21	s	TANTAL 2.2uF 10% 20V
OLD)	CNI210	1-540-024-11	o	SOCKET, IC
904)	CNI210	1-540-024-12	o	SOCKET, IC
OLD)	CNI211	1-540-024-11	o	SOCKET, IC
904)	CNI211	1-540-024-12	o	SOCKET, IC
OLD)	IC212	8-759-208-11	s	IC TC4053BFHB
904)	IC212	8-759-009-07	s	IC MC14053BF
OLD)	IC213	8-759-208-11	s	IC TC4053BFHB
904)	IC213	8-759-009-07	s	IC MC14053BF

(RG-22 BOARD)

OLD)	IC214	8-759-208-15	s	IC TC4066BFHB
904)	IC214	8-759-008-67	s	IC MC14066BF
OLD)	IC231	8-759-205-06	s	IC TC74HC74F
904)	IC231	8-759-925-90	s	IC SN74HC74NS

SG-141 BOARD

OLD)	C76	1-163-021-00	s	CERAMIC CHIP 0.01MF 10% 50V
904)	C76	DELETED.		
OLD)	CNI3	1-540-024-11	o	SOCKET, IC
904)	CNI3	1-540-024-12	o	SOCKET, IC
OLD)	IC14	8-759-208-11	s	IC TC4053BFHB
904)	IC14	8-759-009-07	s	IC MC14053BF

SH-34 BOARD

OLD)	IC16	8-759-201-00	s	IC TC4052BF
904)	IC16	8-759-009-06	s	IC MC14052BF
OLD)	IC17	8-759-201-00	s	IC TC4052BF
904)	IC17	8-759-009-06	s	IC MC14052BF
OLD)	IC33	8-759-208-11	s	IC TC4053BFHB
904)	IC33	8-759-009-07	s	IC MC14053BF
OLD)	IC36	8-759-114-06	s	IC UPC814G2-1
904)	IC36	8-759-142-20	s	IC UPG4062G2
OLD)	IC37	8-759-208-11	s	IC TC4053BFHB
904)	IC37	8-759-009-07	s	IC MC14053BF
OLD)	R285	1-216-049-00	s	METAL CHIP 1K 5% 1/10W
904)	R285	1-216-061-00	s	METAL CHIP 3.3K 5% 1/10W
OLD)	R286	1-216-049-00	s	METAL CHIP 1K 5% 1/10W
904)	R286	1-216-061-00	s	METAL CHIP 3.3K 5% 1/10W
OLD)	R317	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
904)	R317	1-216-076-00	s	METAL 13K 5% 1/10W
OLD)	R321	1-216-748-11	s	METAL CHIP 39K 5% 1/10W
904)	R321	1-216-076-00	s	METAL 13K 5% 1/10W
OLD)	R323	1-216-071-00	s	METAL CHIP 8.2K 5% 1/10W
904)	R323	1-216-083-00	s	METAL CHIP 27K 5% 1/10W
OLD)	R326	1-216-071-00	s	METAL CHIP 8.2K 5% 1/10W
904)	R326	1-216-083-00	s	METAL CHIP 27K 5% 1/10W
OLD)	R330	1-216-071-00	s	METAL CHIP 8.2K 5% 1/10W
904)	R330	1-216-083-00	s	METAL CHIP 27K 5% 1/10W
OLD)	R333	1-216-071-00	s	METAL CHIP 8.2K 5% 1/10W
904)	R333	1-216-083-00	s	METAL CHIP 27K 5% 1/10W

SV-107 BOARD

OLD)	CN7	1-506-467-11	o	RECEPTACLE, 2P, MALE
904)	CN7	DELETED.		
OLD)	CN17	NOT IN USE.		
904)	CN17	1-506-467-11	o	CONNECTOR, 2P, MALE
OLD)	IC4	8-759-201-00	s	IC TC4052BF
904)	IC4	8-759-009-06	s	IC MC14052BF
OLD)	IC5	8-759-201-00	s	IC TC4052BF
904)	IC5	8-759-009-06	s	IC MC14052BF
OLD)	R53	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
904)	R53	1-216-657-11	s	METAL CHIP 1.8K 0.5% 1/10W
OLD)	R55	1-216-298-00	s	METAL CHIP 2.2 5% 1/10W
904)	R55	1-216-308-00	s	METAL CHIP 4.7 5% 1/10W
OLD)	R56	1-216-298-00	s	METAL CHIP 2.2 5% 1/10W
904)	R56	1-216-308-00	s	METAL CHIP 4.7 5% 1/10W
OLD)	R57	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
904)	R57	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
OLD)	R59	1-216-298-00	s	METAL CHIP 2.2 5% 1/10W
904)	R59	1-216-308-00	s	METAL CHIP 4.7 5% 1/10W
OLD)	R60	1-216-298-00	s	METAL CHIP 2.2 5% 1/10W
904)	R60	1-216-308-00	s	METAL CHIP 4.7 5% 1/10W
OLD)	R61	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W
904)	R61	1-216-658-11	s	METAL CHIP 2K 0.50% 1/10W
OLD)	R63	1-216-298-00	s	METAL CHIP 2.2 5% 1/10W
904)	R63	1-216-308-00	s	METAL CHIP 4.7 5% 1/10W
OLD)	R64	1-216-298-00	s	METAL CHIP 2.2 5% 1/10W
904)	R64	1-216-308-00	s	METAL CHIP 4.7 5% 1/10W

VA-73 BOARD

OLD)	IC403	8-759-208-07	s	IC TC4051BF
904)	IC403	8-759-009-05	s	IC MC14051BF
OLD)	R423	1-216-081-00	s	METAL CHIP 22K 5% 1/10W
904)	R423	1-216-099-00	s	METAL CHIP 120K 5% 1/10W

VDA-14 BOARD

OLD)	C307	NOT IN USE.		
904)	C307	1-102-943-00	s	CERAMIC 6PF +-0.5PF 50V
OLD)	C308	NOT IN USE.		
904)	C308	1-102-943-00	s	CERAMIC 6PF +-0.5PF 50V
OLD)	L301	NOT IN USE.		
904)	L301	1-408-406-00	s	INDUCTOR 5.6uH
OLD)	L302	NOT IN USE.		
904)	L302	1-408-406-00	s	INDUCTOR 5.6uH
OLD)	R49	1-216-646-11	s	METAL CHIP 620 0.50% 1/10W
904)	R49	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
OLD)	R149	1-216-646-11	s	METAL CHIP 620 0.50% 1/10W
904)	R149	1-216-644-11	s	METAL CHIP 510 0.50% 1/10W
OLD)	R266	NOT IN USE.		
904)	R266	1-216-665-11	s	METAL CHIP 3.9K 0.50% 1/10W

FRAME

OLD)	NOT IN USE.		
904)	1-136-206-11	s	FILM 0.033uF 5% 630V
OLD)	NOT IN USE.		
904)	1-216-746-11	s	METAL 47M 5% 1/4W
OLD)	NOT IN USE.		
904)	1-562-149-11	s	HOUSING, 4P
904)	1-563-088-11	o	CONTACT, FEMALE, AWG24-30

904) Serial No. 10301 and higher
908) Serial No. 10401 and higher

AB-13 BOARD

OLD)	R306	1-216-033-00	s	METAL CHIP 220 5% 1/10W
904)	R306	1-216-009-00	s	METAL CHIP 220 5% 1/10W
OLD)	RV7	1-228-456-00	s	RES, ADJ, METAL 1K
904)	RV7	1-228-458-00	s	RES, ADJ, METAL 5K
OLD)	RV17	1-228-456-00	s	RES, ADJ, METAL 1K
904)	RV17	1-228-458-00	s	RES, ADJ, METAL 5K
OLD)	RV27	1-228-456-00	s	RES, ADJ, METAL 1K
904)	RV27	1-228-458-00	s	RES, ADJ, METAL 5K

CN-262 BOARD

OLD)	Q1	8-729-140-36	s	TRANSISTOR 2SC3734-B23
908)	Q1	8-729-159-64	s	TRANSISTOR 2SD596DV

DF-46 BOARD

OLD)	C2	1-163-133-00	s	CERAMIC CHIP 470PF 5% 50V
908)	C2	1-163-121-00	s	CERAMIC CHIP 150PF 5% 50V
OLD)	C4	1-163-133-00	s	CERAMIC CHIP 470PF 5% 50V
908)	C4	1-163-121-00	s	CERAMIC CHIP 150PF 5% 50V
OLD)	R4	1-216-077-00	s	METAL CHIP 15K 5% 1/10W
908)	R4	1-216-075-00	s	METAL CHIP 12K 5% 1/10W
OLD)	R7	1-216-077-00	s	METAL CHIP 15K 5% 1/10W
908)	R7	1-216-075-00	s	METAL CHIP 12K 5% 1/10W

IF-213 BOARD

OLD)	CN3	1-506-623-11	s	CONNECTOR, PS 16P, MALE
908)	CN3	1-506-637-11	s	CONNECTOR, 16P, MALE
OLD)	IC102	8-759-205-09	s	IC TC74HC138F
904)	IC102	8-759-926-11	s	IC SN74HC138NS
OLD)	IC103	8-759-205-09	s	IC TC74HC138F
904)	IC103	8-759-926-11	s	IC SN74HC138NS
OLD)	IC104	8-759-205-09	s	IC TC74HC138F
904)	IC104	8-759-926-11	s	IC SN74HC138NS
OLD)	IC105	8-759-205-09	s	IC TC74HC138F
904)	IC105	8-759-926-11	s	IC SN74HC138NS
OLD)	IC106	8-759-748-02	s	IC MBM27C256A-20TV
908)	IC106	8-759-733-50	s	IC MBM27C256A-20TV/CHU
OLD)	IC115	8-759-205-37	s	IC TC74HC574F
904)	IC115	8-759-926-82	s	IC SN74HC574NS

(IF-213 BOARD)

OLD)	IC116	8-759-205-37	s	IC TC74HC574F
904)	IC116	8-759-926-82	s	IC SN74HC574NS
OLD)	IC117	8-759-205-37	s	IC TC74HC574F
904)	IC117	8-759-926-82	s	IC SN74HC574NS
OLD)	IC118	8-759-205-37	s	IC TC74HC574F
904)	IC118	8-759-926-82	s	IC SN74HC574NS
OLD)	IC119	8-759-205-37	s	IC TC74HC574F
904)	IC119	8-759-926-82	s	IC SN74HC574NS
OLD)	IC120	8-759-205-37	s	IC TC74HC574F
904)	IC120	8-759-926-82	s	IC SN74HC574NS
OLD)	IC121	8-759-205-37	s	IC TC74HC574F
904)	IC121	8-759-926-82	s	IC SN74HC574NS
OLD)	IC122	8-759-205-37	s	IC TC74HC574F
904)	IC122	8-759-926-82	s	IC SN74HC574NS
OLD)	IC123	8-759-205-37	s	IC TC74HC574F
904)	IC123	8-759-926-82	s	IC SN74HC574NS
OLD)	IC124	8-759-205-37	s	IC TC74HC574F
904)	IC124	8-759-926-82	s	IC SN74HC574NS
OLD)	IC125	8-759-205-37	s	IC TC74HC574F
904)	IC125	8-759-926-82	s	IC SN74HC574NS
OLD)	IC131	8-759-205-37	s	IC TC74HC574F
904)	IC131	8-759-926-82	s	IC SN74HC574NS
OLD)	IC132	8-759-305-33	s	IC HD637B01YOF
908)	IC132	8-759-732-26	s	IC HD637B01YOF/LENS IF
OLD)	IC137	8-759-205-06	s	IC TC74HC74F
904)	IC137	8-759-925-90	s	IC SN74HC74NS

IV-22 BOARD

OLD)	C80	1-163-083-00	s	CERAMIC CHIP 1PF +-0.25PF 50V
908)	C80	1-163-082-00	s	CERAMIC CHIP 0.5PF +-0.25PF 50V
OLD)	C81	NOT IN USE.		
908)	C81	1-163-082-00	s	CERAMIC CHIP 0.5PF +-0.25PF 50V

PS-168 BOARD

OLD)	R49	1-216-061-00	s	METAL CHIP 3.3K 5% 1/10W
908)	R49	1-216-065-00	s	METAL CHIP 4.7K 5% 1/10W
OLD)	R81	NOT IN USE.		
908)	R81	1-216-033-00	s	METAL CHIP 220 5% 1/10W
OLD)	R82	NOT IN USE.		
908)	R82	1-216-033-00	s	METAL CHIP 220 5% 1/10W
OLD)	R83	NOT IN USE.		
908)	R83	1-216-033-00	s	METAL CHIP 220 5% 1/10W

(PS-168 BOARD)

OLD)	R84	NOT IN USE.
908)	R84	1-216-033-00 s METAL CHIP 220 5% 1/10W

RE-49 BOARD

OLD)	C10	1-162-901-11 s CERAMIC 0.1MF 10% 50V
904)	C10	DELETED.

RG-22 BOARD

OLD)	C225	1-163-125-00 s CERAMIC CHIP 220PF 5% 50V
904)	C225	1-164-161-11 s CERAMIC CHIP 0.0022MF 10% 50V
OLD)	C226	1-163-109-00 s CERAMIC CHIP 47PF 5% 50V
904)	C226	1-163-133-00 s CERAMIC CHIP 470PF 5% 50V
OLD)	C227	1-163-123-00 s CERAMIC CHIP 180PF 5% 50V
904)	C227	1-163-012-00 s CERAMIC CHIP 0.0018MF 10% 50V
OLD)	IC210	8-759-748-02 s IC MBM27C256A-20TV
908)	IC210	8-759-731-39 s IC MBM27C256A-20TV/LOW
OLD)	IC211	8-759-748-02 s IC MBM27C256A-20TV
908)	IC211	8-759-731-40 s IC MBM27C256A-20TV/HIGH
OLD)	IC212	8-759-208-11 s IC TC4053BFHB
908)	IC212	8-759-009-07 s IC MC14053BF
OLD)	IC213	8-759-208-11 s IC TC4053BFHB
908)	IC213	8-759-009-07 s IC MC14053BF
OLD)	IC214	8-759-208-15 s IC TC4066BFHB
908)	IC214	8-759-008-67 s IC MC14066BF
OLD)	R231	1-216-675-11 s METAL CHIP 10K 0.5% 1/10W
904)	R231	1-216-651-11 s METAL CHIP 1K 0.5% 1/10W
OLD)	R232	1-216-675-11 s METAL CHIP 10K 0.5% 1/10W
904)	R232	1-216-651-11 s METAL CHIP 1K 0.5% 1/10W
OLD)	R238	1-216-675-11 s METAL CHIP 10K 0.5% 1/10W
904)	R238	1-216-651-11 s METAL CHIP 1K 0.5% 1/10W
OLD)	R239	1-216-675-11 s METAL CHIP 10K 0.5% 1/10W
904)	R239	1-216-651-11 s METAL CHIP 1K 0.5% 1/10W
OLD)	R247	1-216-675-11 s METAL CHIP 10K 0.5% 1/10W
904)	R247	1-216-651-11 s METAL CHIP 1K 0.5% 1/10W
OLD)	R248	1-216-675-11 s METAL CHIP 10K 0.5% 1/10W
904)	R248	1-216-651-11 s METAL CHIP 1K 0.5% 1/10W
OLD)	R249	1-216-663-11 s METAL CHIP 3.3K 0.5% 1/10W
904)	R249	1-216-639-11 s METAL CHIP 330 0.5% 1/10W
OLD)	R250	1-216-663-11 s METAL CHIP 3.3K 0.5% 1/10W
904)	R250	1-216-639-11 s METAL CHIP 330 0.5% 1/10W
OLD)	R251	1-216-663-11 s METAL CHIP 3.3K 0.5% 1/10W
904)	R251	1-216-639-11 s METAL CHIP 330 0.5% 1/10W

SG-141 BOARD

OLD)	IC2	8-759-748-00 s IC WS57C49B-35T
908)	IC2	8-759-730-42 s IC WSI57C49B-35T/CHUH1
OLD)	IC3	8-759-746-75 s IC MBM27C64-30CV
908)	IC3	8-759-730-41 s IC MBM27C64-30CV/CHUV
OLD)	IC14	8-759-208-11 s IC TC4053BFHB
908)	IC14	8-759-009-07 s IC MC14053BF
OLD)	IC19	8-759-748-00 s IC WS57C49B-35T
908)	IC19	8-759-730-43 s IC WSI57C49B-35T/CHUH2

SH-34 BOARD

OLD)	C203	NOT IN USE.
908)	C203	1-163-038-00 s CERAMIC CHIP 0.1MF 25V
OLD)	C210	NOT IN USE.
904)	C210	1-102-973-00 s CERAMIC 100PF 5% 50V
OLD)	R289	1-216-107-00 s METAL CHIP 270K 5% 1/10W
908)	R289	1-216-096-00 s METAL CHIP 91K 5% 1/10W
OLD)	R292	1-216-107-00 s METAL CHIP 270K 5% 1/10W
908)	R292	1-216-096-00 s METAL CHIP 91K 5% 1/10W
OLD)	R306	1-216-089-00 s METAL CHIP 47K 5% 1/10W
908)	R306	1-216-101-00 s METAL CHIP 150K 5% 1/10W
OLD)	R702	1-216-097-00 s METAL CHIP 100K 5% 1/10W
908)	R702	1-216-067-00 s METAL CHIP 5.6K 5% 1/10W
OLD)	R704	1-216-073-00 s METAL CHIP 10K 5% 1/10W
908)	R704	1-216-081-00 s METAL CHIP 22K 5% 1/10W
OLD)	R708	1-216-109-00 s METAL CHIP 330K 5% 1/10W
908)	R708	1-216-105-00 s METAL CHIP 220K 5% 1/10W
OLD)	R710	1-216-081-00 s METAL CHIP 22K 5% 1/10W
908)	R710	1-216-085-00 s METAL CHIP 33K 5% 1/10W
OLD)	R712	1-216-081-00 s METAL CHIP 22K 5% 1/10W
908)	R712	1-216-228-00 s METAL 18K 5% 1/8W
OLD)	R714	NOT IN USE.
908)	R714	1-216-073-00 s METAL CHIP 10K 5% 1/10W
OLD)	R720	1-216-748-11 s METAL CHIP 39K 5% 1/10W
908)	R720	1-216-083-00 s METAL CHIP 27K 5% 1/10W

VA-73 BOARD

OLD)	R19	1-216-644-11 s METAL CHIP 510 0.5% 1/10W
908)	R19	1-216-648-11 s METAL CHIP 750 0.5% 1/10W
OLD)	R26	1-216-114-00 s METAL CHIP 510K 5% 1/10W
904)	R26	1-216-091-00 s METAL CHIP 56K 5% 1/10W
OLD)	R27	1-216-109-00 s METAL CHIP 330K 5% 1/10W
904)	R27	1-216-081-00 s METAL CHIP 22K 5% 1/10W
OLD)	R84	NOT IN USE.
908)	R84	1-216-643-11 s METAL CHIP 470 0.5% 1/10W
OLD)	R119	1-216-644-11 s METAL CHIP 510 0.5% 1/10W
908)	R119	1-216-648-11 s METAL CHIP 750 0.5% 1/10W
OLD)	R126	1-216-114-00 s METAL CHIP 510K 5% 1/10W
904)	R126	1-216-091-00 s METAL CHIP 56K 5% 1/10W
OLD)	R127	1-216-109-00 s METAL CHIP 330K 5% 1/10W
904)	R127	1-216-081-00 s METAL CHIP 22K 5% 1/10W

(VA-73 BOARD)

OLD)	R184	NOT IN USE.
908)	R184	1-216-643-11 s METAL CHIP 470 0.5% 1/10W
OLD)	R219	1-216-644-11 s METAL CHIP 510 0.5% 1/10W
908)	R219	1-216-648-11 s METAL CHIP 750 0.5% 1/10W
OLD)	R226	1-216-114-00 s METAL CHIP 510K 5% 1/10W
904)	R226	1-216-091-00 s METAL CHIP 56K 5% 1/10W
OLD)	R227	1-216-109-00 s METAL CHIP 330K 5% 1/10W
904)	R227	1-216-081-00 s METAL CHIP 22K 5% 1/10W
OLD)	R284	NOT IN USE.
908)	R284	1-216-643-11 s METAL CHIP 470 5% 1/10W

HDC-300（J）
HDC-300（E）
3-693-783-04

Sony Corporation

© 1988

Printed in Japan
1989.12 09